# U.S. Vatican Envoy Won't Participate In Waldheim Events

Thursday of President Kurt Wald- heim's visit to the Holy See.

professor to head an international as criticism of his scheduled meeting with Pope John Paul II increased.

The Arab League and the Pales

pope's decision to meet Mr. Wald-

Austria has protested the Israeli condemnation of the visit as "interference" in its affairs.

Prime Minister Yitzhak Shamir of Israel said Sunday that the pope's decision to grant an audience to Mr. Waldheim would serve

### Kiosk

### 3 Are Sentenced In San Juan Fire

SAN JUAN, Puerto Rico (AP) - Three former hotel employees who pleaded guilty to arson in the New Year's Eve fire that killed 97 at the Dupont Plaza Hotel were sentenced Monday to prison terms rang-ing from 75 to 99 years, substantially longer than prosecu-

"I don't think Puerto Rico is willing to accept one more murder, one more shipment of drugs, one more terrorist act." said Federal Judge Jose A. Fuste before passing sentence.



Scott Simpson after sinking a birdie putt as he put together a victory in the U.S. Open golf tournament. Page 21.

GENERAL NEWS ■ U.S. Democratic candidates are reaching a consensus on the party's 1988 agenda. Page 3.

**TechnologyQuarterly** in space, innovations on the assembly line, the latest in home electronics - in the first TechnologyQuarterly, Pages 9-14.

Dow close: UP 24.66 The dollar in New York: £ Yen 1.847 1.5875 146.20 6.1565

The Associated Press

Astaire, 88, whose debonair ele-

gance and flowing, graceful style

made him the most acclaimed dancer in movie history, died Mon-day of pneumonia in Los Angeles.

Topper, Cane, Charm

By Richard F. Shepard

New York Times Service

Mr. Astaire danced his way into

the heart of America during the

Depression. His deceptively easy

light-footedness, warm smile, top

hat cape, charm and talent made

people forget the harsh world out-side the movie house.

A performer on stage, screen and

television for more than six de-

cades, Mr. Astaire starred in more

than 30 film musicals between 1933

and 1968. Eleven of these co-

starred Ginger Rogers, his most

The music they danced to was

written by the cream of the popular

music world, including Cole Porter.

Irving Berlin, Jerome Kern and

There were other dancers, but

few could match the sophistication

durable dancing partner.

George and Ira Gershwin.

\* Fred Astaire, a Paragon

Among Dancers, Is Dead

The Associated Press
LOS ANGELES — Fred staire. 88, whose debonair ele-

ROME — The United States dent's alleged war crimes. said Monday that the head of its The United States was The United States was reported diplomatic mission to the Vatican by Jewish sources to have ordered would not attend any ceremonies its representative to the Vatican to connected with the visit there boycott events involving Mr. Wald-

heim of Austria. In Rome, a spokesman for the Earlier Monday, the Austrian U.S. diplomatic mission to the Vatgovernment oamed a retired Swiss ican told Reuters that the U.S. representative to the Vatican, Frank commission to investigate Mr. Shakespeare, would be out of town Waldheim's past as a Nazi officer, on Thursday. The spokesman said

tine Liberation Organization, in-statements in Rome, condemned Israeli and Jewish criocism of the "It cannot and must not be for-

gotten that a heavy shadow contin-ues to bear down on the figure of Kurt Waldheim regarding his past as an officer in the German Army," the associations said.

Jewish groups have charged that Mr. Waldheim, a former UN secretary-general, covered up a wartime past in which he acted as a senior intelligence officer for German Army units in the Balkans involved in the deportation of thousands of Greeks, Yugoslavs and Jews.
The United States has placed

Mr. Waldheim on its "watch list" of persons barred from the country because of alleged criminal activi-ties in World War II.

In Vienna, Foreign Minister Alois Mock of Austria said that Hans Rudolf Kurz, 72, had agreed to head the commission to investigate Mr. Waldheim's past.

Mr. Kurz, who taught military history at the University of Bern, said in Bean that he hoped to select commission members from Yugo-slavia, Greece, West Germany, Bel-gium, Britain, the United States and Israel. He declined to give any names. But he told Swiss radio that a prominent high-ranking Israeli officer would be invited to join.

Mhanna Dura, head of the Arah League missioo in Rome, described criticism of Mr. Waldheim's visit as "racist" and said it was characterized by "evident confusioo between. religion and poliocs."

American Jewish leaders called on Friday for an urgent meeting with the pope to discuss the invita-tion to Mr. Waldheim and held out ed States in September. John Paul is scheduled to meet with Jewish leaders in Miami.



U.S. Asserts That Dispute on Pershings in West Germany Delays Arms Pact

Max M. Kampelman, left, the chief U.S. arms control negotiator, said Monday that range missiles. The others with Mr. Kampelman at the Geneva talks are, from left, the dispute over the 72 Pershing-1A missiles in West Germany whose warheads are Senator J. Bennett Johnston, Democrat of Louisiana, Yuli M. Vorontsov, the Soviet under U.S. control was delaying an agreement on controlling medium and shorter- Union's chief negotiator, and Senator Claibonne Pell, Democrat of Rhode Island.

### Islam at Center of Ferment in Tunisia

By Alan Cowell New York Times Service

TUNIS - Faced with a surge of undamentalist dissent, Tunisian officials have been charging that Khomeini-ist" insurgents, backed by Iran, are plotting a violent overthrow of the government here in pursuit of Tehran's threats to export Islamic revolution.

allies and the embattled Tunisian

Iran's embassy has been closed, the prospect of oot meeting with its diplomats have been expelled the pontiff when he visits the Unit- and hundreds of Tunisians supporting Islamic revival have been

and Western diplomats to have been tortured to extract confes-

In the second week in June, the police used tear gas and riot sticks to disperse several hundred fundamentalists demonstrating in central Tunis against the detention of their comrades in the worst crackdown

But some of Tunisia's Western Prime Minister Rachid Sfar said in an interview that "the mosques, opposition say the government has some of them, had become places beightened the purported threat to justify its hostility to most forms of ment's action, which included the jailing of Rachid Ghannovchi, the Movement, the leading fundamentalist group.

Estimates of the number of peoniled. Some are reported by human ple detained range from 250 rights groups, opposition figures 2,000, and the arrests continue. ple detained range from 250 to

newspapers - all others are sus- oear Tunis. The display was de-Sunday of new arrests of what were called "Khomeini-ists," after the Ayatollah Ruhollah Khomeini, Iran's revolutionary leader. The re- and Algeria, is threatened by a ports did not say how many people huge Tranian-backed conspiracy, had been detained in two roundups of purported subversives or when

they were arrested. The oewspapers also carried photographs of three shotguns with cartridges, dynamite stolen from a quarry, American Winchester ammunition-loading kits with gonhead of the Islamie Tendency, powder, gasoline bombs and other crude devices such as a bicycle chain, spikes to puncture antomo-bile tires and what was described as

a homemade bomb. The munitions were said to have

The country's state-sponsored been discovered buried under a tree pended or closed — carried reports signed to lend support to the theory Sunday of new arrests of what were that this Arab land of seven million Moslems, sandwiched between the more militant ideologies of Libya

> The government's reaction, however, has prompted concern among Western countries and accusations by opposition figures that the mea-sures will only deepen fundamen-talist hostility to President Habib

"There is no tangible, no public evidence of a link with Iran," said Ahmed Mesturi, a former cabinet

See TUNISIA, Page 6

# Rehnquist Court: Justice Brennan's 'Finest Hour'

By Al Karnen
Washington Post Service

WASHINGTON — The first year of the Reanquist Supreme Court is turning out to be, in the words of one chagrined conserva-tive, "Bill Brennan's finest hour." As the 1986-87 term draws to a

vailed in all but two major cases. The moderate-liberal coalioon, led by Justice William J. Brennan Jr., has written majority opinions involving affirmative action, preg-oancy leave, asylum for political refugees, teaching of creationism in the public schools and discrimination against workers with commu-nicable diseases such as AIDS.

The conservative wing, supposedly bolstered by the elevation of

atop a wedding cake ("You'll Never Get Rich," 1941), glided on roller skates ("Shall We Dance?" 1937), danced while hitting golf balls off a tee ("Carefree," 1938)

and danced up the walls and on the ceiling ("The Belle of New York,"

1952). He danced floating in space,

on ships and in countless ballrooms

where he glided flawlessly across

He was popular, this thin, sandy-

haired man, 5 feet 9 inches tall, who

fretted and sweated off-camera and

offstage to make his dance come

across with a fresh spontaneity that

professional peers. George Balan-

chine, who was the artistic director

of the New York City Ballet and a

man whose standards rarely al-

lowed for euphoria in the estima-

tion of dancers, called him, simply,

"the greatest dancer in the world,"

Irving Berlin, in whose musical

"Top Hat" Mr. Astaire set the tone

for topper and tails that became the

"He's not just a great dancer,

dancer's working hallmark, said:

he's a great singer of songs. He's as

He was also a paragon among his

few could equal.

and inventiveness of Mr. Astaire good as any of them, as good as hacked by scores in such films as Jolson or Crosby or Sinatra. He's

backed by scores in such films as Jolson or Croshy or Sinatra. He's Just as good a singer as he is a Divorcee." "Top Hat." "Swing See ASTAIRE, Page 6

William H. Rehnquist to chief jus-tice and the addition of Antonin when a moderate-liberal coalitioo Scalia, has managed to win significant victories only in the area of its traditional strength, criminal law. The court upheld the constitution-

criminatory.

Even in the criminal area, conservatives lost a case involving the

the conservative Heritage Foundation, and as he saw it Mr. Brennan

Fein, "Brennan has gotten Powell's vote on the big ones."

the majority assigns the opinion.

speculation, including my own, has not cast a single vote or written a single opinioo differently in order than the preceding 17 years under to get a majority," Mr. Fein said.

Fred Astaire performing a dance routine on skates in 1937.

"Reinquist has been inept with throughout the term that Rein-regard to court politics," he added, saying that the chief justice "has have joined the majority to write a played his hand so poorly I can't narrower opinion.

"He has been getting five solid votes," said Mr. Fein. "That makes

Law School, a liberal, agrees with "It looks more like a Brennan

"That has produced clearer and

more enduring victories for liberal constitutional principles in a range of areas than would have otherwise been the case," Mr. Tribe said. Those who thought Chief Justice Rehnquist and Justice Scalia would be dynamic and influence the court

to the right have seen little evidence of that, Mr. Tribe said. There are oo cases where the substitution of Justice Scalia for Mr. Burger has produced a shift m

lia's intellectual prowess bas swayed his colleagues.
"He wrote an elaborate dissent

See COURT, Page 6

# Lebanese Said to Reject Being Freed

By Ihsan A. Hijazi New York Times Service
BEIRUT — Ali Osseirari, a Leb-

mese businessman, has rejected his captors' offer of freedom unless his kidnapped companion, an American journalist, is also freed, sources in the Moslem Shiite community said Monday.

The sources said that the jour-Bourguiba's government and for malist, Charles Glass, had been ment wolen opposition — moved to a separate location, while Mr. Osseiran and his chauffeur, Soleiman Salman, remained captive in a house in the predominantly Shifte southern suburbs of Berrut.

The sources said they had heard but could not confirm that Mr. Glass had been turned over to Ira-

terrogation. Mr. Glass, 36, a former correspondent for ABC News, was a guest of the Osseiran family after he crossed into Moslem West Beirut from the Christian East only a few days before his June 17 kidnap-ping. He was researching a book about Lebanon's influential clans. Mr. Ossciran, 40, is the son of

Lebanon's defense minister, Adel Osseiran, a senior member of the Shiite community. Ali Osseiran and Mr. Glass were

Witnesses said the bearded gunmen appeared interested only in the American but that Mr. Osseiran and his chauffeur, who douthe outcome to the right, Mr. Tribe bled as a bodyguard, insisted on said, and no sign that Justice Scagoing along if Mr. Glass was taken. Shiite sources said they were fairly certain Mr. Osseiran would be freed soon. But they added that in the creaconism case that appar- they doubted Mr. Glass would be See BEIRUT, Page 6

speak English. Their methods in-

clude high-pressure approaches.

misleading claims and short-chang-

solicitors at some airports. In At-

lanta, for example, they must stay

in booths just beyond the path of

that the First Amendment hampers

them in trying to halt the cheating

very difficult to investigate a reli-

gion, and it's very difficult to take

action against a religion," said

James Kapel, an assistant city at-

torney for Los Angeles, who repre-

sented the airport in the Supreme

In the past, officials say, the or-

"The problem we have is that it's

of passengers and other abuses.

issengers. But airport officials say

Restrictions have been placed on

# Chun Acts To Defuse **Protests**

### Korean Leader Willing to Meet With Opposition

By Clyde Haberman New York Times Service

SEOUL - President Chun Doo Hwan was reported Monday to have made important concessions to the opposition—including an agreement to meet with the leader of the main opposition party—but critical details remained vague, leaving the political crisis in South Korea still unsettled.

Despite the uncertainties, the overtures by the ruling camp were the most significant attempts yet to create a climate for talks that might end South Korea's civil unrest.

They also marked the first time that Mr. Chun was publicly identi-fied as playing a direct role. Uotil Monday, the main figure on the government side was Roh Tae Woo, chairman of the ruling Democratic Justice Party, who is expect-

ed to be the cext president. In addition, Monday's develop-ments signaled the re-emergence of opposition political leaders as a dominant force in the crisis. They were overshadowed for most of the last two weeks by students and other protesters who have taken to the streets in the most sustained annigovernment violence sioce Mr. Chun took power seven years ago. Under the coocessions announced Monday, Mr. Chun is to meet in the next day or two with Kim Young Sam, president of the main upassition is you the Konsi fication Democratic Party.

The two nen have oever met, and only a month ago the ruling camp was threatening to press legal action against Mr. Kim for antigovernment remarks.

Mr. Chun also was reported by ruling party leaders as having agreed to consider freeing several hundred protesters arrested since the recent cycle of violence began June 10, as well as lifting a housearrest order imposed for 11 weeks on Kim Dae Jung, the country's most prominent political dissident. Kim Young Sam is said to have insisted on these two moves as a condition for meeting Mr. Chun.

Kim Dae Jung, who may receive phone calls, said in an interview that he had heard his confinement See KOREA, Page 6

# A Stillness Chernobyl

By Celestine Bohlen

CHERNOBYL, U.S.S.R. -Less than a mile from the Cherno-Ali Osseiran and Mr. Glass were byl ouelear power plant stands a driving in the southern seaside sub-dead forest. Where there were once urb of Ouzai when they were inter-cepted by gummen in three cars. now there are only spindly trunks, shorn of needles, tinged a strange

> The "red-headed forest," as it has been nicknamed, extends oorth of reactor No. 4, which blew open in an explosion in the early morn-

> ing of April 26, 1986.
>
> "Pine trees are especially sensitive to radiation," said Alexander Kovalenko, information chief for operations in the 18-mile (29-kilometer) contamioated zone that rings Chernobyl. "They can withstand oo more than a man can."
>
> Io the shadow of the now en-

tombed reactor, Soviet Army reservists have been working to decontaminate the forest; they rip up and bury trees, and plant grass. Still, 14 months later, bundreds of and New Jersey, operator of the the deadly damage wrought by the New York region's three largest airports. "Now there'll have to be astating accident.

In human terms, the accident has been officially documented: 31 dead, 237 initially hospitalized with acute radiation sickness, 135,000 people evacuated from towns and villages in the contaminated zone that extends from the Ukraine into the Belorussian republic. members of the armed services, the elderly and travelers who do not Soviet experts agree that thou-

sands of deaths will occur over generations because of the lingering effects of radiation. How many, ocbody knows. But while specialists dispute the

future consequences of Chernobyl, the place itself is indelibly marked. A view from the area puts the tragedy in perspective, in a way that information from experts cannot. The consequences appear even more devastating than one might have imagined, and the recupera-

tioo better. On the road toward the heart of what is known as the "zone," village after village is lined with abandoned cottages, with weeds growing up along the side of wooden fences and wells. Fields surrounding the villages are overgrown and without animals. Most haunting of all is the city of

Pripyat. It once housed 50,000 pec-See NUCLEAR, Page 6

#### U.S. case raises questions skillfully than any chief justice in elose, with 80 percent of the cases about executing mentally redecided, including the most contro-versial ones before the court this tarded murderers. Page 3. Justice Lewis F. Powell Jr. is the pivotal vote and, according to Mr. to forge majorities without sacrifice year, the liberal justices have pre-

ality of preventive detention before trial and rejected a challenge that the death penalty was racially dis-

use of victim-impact statements in cases involving the death penalty. Liberals and conservatives agree that the first year of the Rehnquist court bas been slightly more bberal

"The major, big cases are done," said Bruce Fein, an attorney with

The chief justice, when in the majority, decides who will write the opinion. When the chief justice is in dissent, the most senior justice in

"Rehnquist, contrary to some

see him pulling together a coali-

The court this term has issued far fewer splintered opinions, Mr. Fein said, and they have been clearer and shorter. He believes this means that Justice Brennan has been able

the law a little more coherent and stable," but not along the lines conservatives would prefer. Laurence H. Tribe of Harvard

court than a Rehnquist court," Mr. Tribe said. "It is quite elear

#### **Airports Fear Solicitation Abuses** After U.S. Ruling, Ersatz Priests Collar Travelers Legally the First Amendment's guarantees ed," said Arthur P. Berg, a lawyer Still, 14 months later, bundreds of of freedom of religion and express for the Port Authority of New York shriveled trees remain, testament to By Robert Lindsey New York Times Service LOS ANGELES - Wearing a The court declared that the regulack suit and clerical collar, James latioo was unconstitutionally Wright stands doily near an escalator at Los Angeles International Airport, and on a good day he broad. It did not affect lower court another case to decide the 'public rulings allowing airports to impose limited restrictions on the location, collects \$150 or more in the cigar Many airport executives say that box he extends to passengers. Mr. Wright is not a priest, but be since the late 1970s solicitors for some religious and quasi-religious wears a small badge identifying groups have extracted millions of dollars from passengers, especially A guy dressed nimself as a minister of the Univer-

sal Life Church, a mail-order orga-nization in Modesto, California, that issues "ordinations" in exchange for a contribution of a dollar or two. For \$5; the organization confers sainthood by mail. \$100, \$150 a Mail-order ministers, some of

them recruited on Skid Row, have recently joined others who ask passengers for money at airports around the antion, Airport officials say these people are the latest manifestation of a problem that has frustrated them for a decade and is likely to worsen in the aftermath of a recent decision by the United States Supreme Court. The court unanimously struck

down a ban on such solicitation imposed by the Los Angeles Board of Airport Commissioners, which had ruled that the airport was "not open for First Amendment activities by any individual or entity."

 James Bradford, United Mission Church

time and manner of soliciting by religious groups.

The Supreme Court, however,

### like a priest in a busy place like an airport can take in

did not address another constitutional issue in the case, a conten-

tion by Los Angeles officials that airport terminals should not be regarded as cooventional public forums but as specialized places, like Court case, government buildings or military Jews for Jesus, which distributes bases, where it is reasonable to impamphlets at many U.S. airports, pose certain limits on expression. ber of such solicitors have been the challenged the law as a violation of "The basic issue is still undecid-"

See AIRPORT, Page 6

By Mark Potts

Washington Past Service
WASHINGTON — Opponents of the apartheid policies of South Africa, who have been making headway in their efforts to get companies from the United States to withdraw from that country, now are turning their sights to a much tougher target: companies from other nations with holdings there.

"My anticipation is that there will be a new focus on all compacan withdrawal becomes more prononnced," said the Reverend Leon to reduce American corporate involvement in South Africa.

Tim Smith, director of the Interfaith Center on Corporate Respon- South Africa or have announced sibility, said the movement was al- plans to do so since 1984, including internationally. His group, based in tor Responsibility Research Center New York, is involved in efforts to in Washington. induce American companies to di-

put economic pressure ou South heid activists.

As U.S. Companies Leave South Africa, Divestment Efforts Are Shifted Worldwide Africa to end its apartheid policies comes as Mr. Sullivan has taken his hardest line yet on the issue.

He is the author of a set of guidelines, known as the Sullivan Principles, that called for American companies operating in South Africa to maximize opportunities for blacks and to oppose apartheid in other

But now he says the doctrine is not working. Two weeks ago he called for the complete withdrawal nies in South Africa as the Ameri- of American companies from

Last week Citicorp, Ford Motor Sullivan, the Philadelphia minister Co. and ITT Corp. announced who has been a leader in the efforts plans to end their involvement in South Africa.

That makes nearly 150 American companies that have either left "well under way" 39 this year, according to the Inves-

Many of the companies said they vest their South African opera- decided to leave for economic or strategic reasons rather than be-The broadening of the efforts to cause of pressure from anti-apart-



'My anticipation is that there will be a new focus on all companies in South Africa as the American withdrawal becomes more

pronounced.

pulled out last week said their deci-Sullivan's change of position. They said they made their deci-

terprises there.

Ŝtili, nearly 200 major American

The three corporations that state of the South African economy, which has all but destroyed the sions had nothing to do with Mr. profitability of many American en-

more than 3,000 employees there.

Investor Responsibility Research

Center, 254 foreign companies

They include Standard Char-

far more involved than Mobil.

panies; British Petroleum; Switzer-Most of these companies say land's Nestle S.A.; and Unilever they believe they can force South Group, the Dutch-British consumland's Nestle S.A.; and Unilever

Africa to change its apartheid policies by working within the system.

Japanese companies also are key But the remaining American-owned operations in South Africa ket. They operate primarily are dwarfed in size by the investthrough joint ventures or distribuments of companies from other na- torships.

Anti-apartheid activists are to-According to a new report by the cnaing on the Japanese companies avestor Responsibility Research in part by appealing to their sense of honor.

have direct investments or employ-"I think the Japanese companies ees in South Africa, some of them are actually quite sensitive to their position," said Mr. Smith of the Interfaith Center on Corporate Retered PLC, a British banking group with more than 22,000 South Afrisponsibility. Anti-apartheid activists in the

can employees; Courtanids PLC, a United States have pressured British paper and textile company American companies doing business in South Africa by proposing with 14,260 workers there; and Royal Dutch Petroleum Co., with stockholders resolutions; urging in 8,160 employees in South Africa, stitutional investors to sell their which some experts believe to be stock in companies with South Af-the largest foreign investment rican ties; and lobbying for the there. Other well-known companies and municipal-government invest- at its annual meeting requesting with major holdings include West ments in or contracts with compasions based on the deteriorating companies remain in South Africa, Germany's Volkswagen, Daimler-nies with South African holdings.

Only 36 companies from other nations have pulled out of South Africa since 1984, according to the Investor Responsibility Research

Center report. Operating under different corporate rules than those of American companies, companies from other nations are less sensitive to outside

"We've had the shareholder pressure here that I don't think they've had oversess," said Alison Cooper, an analyst for the Investor Responsibility Research Center. Mr. Sullivan said of the foreign

companies: "They don't have the stock accountability. They don't have the kind of municipal and state action that can be brought to bear that we have."-

Royal Dutch Petroleum, for instance, refused requests this year to introduce shareholders' resolutions that the company pull out of South

nations, however, is much more gambit. They are using a Dutch law requiring that a special shareho ders meeting be called to discuss an issue if 10 percent of the sharehold-

ers request it. Mr. Smith said that institutional and church investors holding 5 per-

and church investors holding 5 per-cent of the company's stock al-ready support such a request.

In addition, anti-apartheid activ-ists and union leaders are attempt-ing to mount a U.S. boycott of products sold by Shell Oil Co., Royal Dutch's American subsid-

But Mr. Sullivan believes it may take more than those tactics to persnade other foreign companies to leave South Africa.

He is calling for congressional action to put trade sanctions on the nations in which these companies are based.

Some activists believe that the influence of large American companies that have pulled out of South Africa will exert pressure on well as on the American companies

### Africa's New Threat: A 'Financial Famine'

recovering from the famine of sharpest drop since 1950. 1983-85, is now grappling with an equally damaging "financial famine," African economists say.

Balloooing debt payments, ished continent an exporter of capiished continent an exporter of capi-tal, said Adebayo Adedeji, a Nige-States does — \$950 million this rian who is executive secretary of the United Nations Economie Commission for Africa.

conference in Nigeria last week to take stock of Africa's economic health a year after the United Nations brokered an African develop-

In return for more Western aid, African nations had agreed to try

open-market policies, By last week, 25 of the 45 hlackruled nations of sub-Saharan Africa had met the UN guidelines. These included cutting state bureaucracies, paying farmers fairer prices and setting realistic exchange rates.

But the conference highlighted the fragility of sub-Saharan Africa - a huge, diverse area of 460 million people that has an overall gross national product smaller than

Harsh economic winds are blowing across the continent, causing "financial famine," said Alwyn B. Taylor, director general of the African Center for Monetary Studies. The center is financed by the cen-

### North, Congress **Reach Tentative** Testimony Accord

WASHINGTON -- Congressional investigators and lawyers for Lieuteoant Colonel Oliver L. North reached tentative agreement Monday on terms expected to lead to his public testimony later this summer in the fran-contra hear-

ings. Sources said the agreement would require the former National Security Council aide to undergo limited private questioning before he appears in public, despite his initial reluctance. In addition, Colouel North would be required to deliver documents that the House and Senate investigating commit-

tees are seeking.
Officials had announced that they granted Colonel North a 24hour extension in the deadline for delivery of spiral notebooks in which he is believed to have kept accounts of his activities. The negotiations over his proposed testimony, for which be has been granted limited immunity, are likely to continue this week.

The second phase of the hearings, which reopen Tuesday following a two-week recess, are to focus on the secret sale of U.S. arms to Iran. Colonel North directed the

Sales

**NINA RICCI** 

Boutiques

Wednesday

June 24

and following days

from 10:00 a.m.

10 6:30 p.m.

39, avenue Montaigne

17, rue François-le

and for Men

Ricci-Club

19, rue François-I'

By Jarnes Brooke

New York Times Service

ABUJA, Nigeria — Africa, still

ABUJA, Nigeria — Africa, still

FORMSIGN 6000 1 1985. It was the Commercial bank flows

dropped to \$1.1 billion in 1986, from about \$3.5 billion in 1981. • U.S. government aid to subslumping commodity prices and dwindling foreign investment have for 1987, to \$739 million, from combined to make the impover- \$972 million in 1986. Canada now

Last month, Africa's economic The commission organized a livery Coast, widely considered an example of fiscal sobriety, ancounced it would oot keep up with payments on its \$8 billion debt. Earlier in the month, Zambia abandooed an accord with the International Monetary Fund because of mounting opposition to the fund's

In both cases, sagging commod-ity prices were blamed. Coffee and cocoa are the Ivory Coast's top two expon commodities, and prices are at their lowest in four years for coffee and in five years for cocoa. Falling copper prices have cut the average Zambian's income by twothirds in a decade.

Major General Ibrahim Babangida, the president of Nigeria, Africa's most populous country, spoke for many Africans when he complained of "an increasingly unsympathetic world economic and fi-nancial power structure."

Western participants at the Nigerian conference generally agreed that the West had lagged in re-

But other Western officials noted several measures adopted recently to pump fresh money into hammed al-Qassimi had refused to Africa. For instance, they said, accept a decision by the Supreme members of the African Develop- Council of the United Arab Emirment Bank, which makes loans for development purposes, voted in Cairo last week to triple the bank's capital to \$19 billion, from \$6.3

In Venice, the seven powers at prince, the economic summit meeting this month backed a proposal to triple an loternational Monetary Fund project largely intended for Africa, to \$9 billion from \$3 billion.

six days.

Diplomatic sources said more

ently to forestall any intervention

by the United Arab Emirates to

The sources said Sheikh Abdel-

Aziz had put forward several con-

ditions for accepting the post of

crown prince, including co-signator

status with his brother on decrees.

Sultan estimate it at \$880 million.

Wednesday that the al-Qassi

reinstate Sheikh Sultan.

The Western officials also noted that next month, the world's largest multilateral lender, the International Development Association, a UN specialized agency, is to open a loan fund designed to double the money available for Africa to \$6

Debt relief also may be on the

About 75 percent of Africa's debt is owed to Western governments. The Venice communique urged consideration on rescheduling these debts with lower interest rates and longer grace periods.

The United States, long fiscally

conservative on the issue, came out recently in favor of giving 10-year grace periods for repayment of Af-rican government debts. Canada unced last year that all new aid to sub-Saharan Africa would be provided through grants, not loans.

W Visiting

New York City?

Gramercy

Park Hotel

Distinguished 500 room

hotel overlooking Gramercy

Cocktail Lounge, Piano Bar

and Room Service.

Multi-lingual staff. Minutes to

Business Center, Sightseeing.

Banquet/Meeting facilities.

Singles \$95-105

Doubles \$100-110

Suites \$135-235

Group Rates Available.

Call Gen. Mgr. Tom O'Bries

(212)475-4320 Telex 668-755

Cable GRAMPARK

21st St. and Lex. Ave. N.Y.C.

or call your local Utell office.

Park, Excellent Restaur



NOVELTIES . GIFTS

PERFUMES . COSMETICS Top export discounts! Monday to Saturday 9 am. 6:30 pm closed on Sunday 16, RUE DE LA PAIX: PARIS Phone: (1) 42.61.61.11

### Andrha Pradesh state, N.T. Rama Rao, after 14 opposigress (I) party in the Haryana state election last week. Sheikh Balks Pentagon, State Department Divided At Accord on On Question of U.S. Trade With Iran keep trading with somebody whose this opportunity and win the White By Elaine Sciolino

tion parties selected Mr. Iyer to oppose Prime Minister

Rajiv Gandhi in the national elections in 1989. The

opposition coalition easily defeated Mr. Candhi's Con-

Weinberger is arguing strongly for a total ban on trade except for Sources close to the ruling family said Sheikh Abdel-Aziz Bin Momedical supplies and other things that he describes as humanitarian goods. Officials at the State and Commerce Departments believe ates that confirmed his brother. that current trade levels, which in-Sheikh Sultan Bin Mohammed alclude goods from caviar to oil, are Qassimi, as the legitimate ruler. The compromise decision appointreasonable, the administration offied Sheikh Abdel-Aziz as crown

INDIAN OPPOSITION CANDIDATE - V.R. Krishna

Iyer, left, a former Supreme Court judge, ate candy given

to him in New Delhi on Monday by the chief minister of

In a letter several days ago to Frank C. Carlucci, the president's national security advisor, Mr. which Sheikh Abdel-Aziz heads, on Sunday night dug trenches around the building where he has been for Weinberger objected to an interagency draft report on the Iran trade debate that was sent to the National Security Council early this month, He also strongly artroops appeared at government buildings and helicopters scouted the main road with Dubai, appargued for his own position, accord-

ing to Pentagon and White House

censes for the sale of \$900,000 worth of computers to Iran over Mr. Weinberger's objections.

Mr. Weinberger was so dis-tressed by the awarding of the license that he sent letters requesting that the issue be taken up at the level of the National Security, Council and adjudicated by irresident Ronald Reagan. The council agreed, and asked

the various government agencies involved to draft a joint report on the overall trade debate sparked by the computer issue. But when the report, which is classified, was submitted this month, it was so vague in outlining options for the admin-istration that White House officials asked that it be rewritten.

trois adequately address this Trade with Iran is only a small fraction of what it was before Shah Mobammed Reza Pahlavi was overthrown in the 1979 revolution.

Iran, which has sought to minimize trade with the United States. last year bought \$34 million worth of American-made goods - from small machinery and agricultural products to pigments and paper. The sale of computers never went through, however, because in the end the Iranians did not want

The United States imported more than \$600 million in goods from Iran last year, most of it oil on the spot market, as well as carpets, Pentagon officials said they caviar, glassware, gems, antiques, hoped to be able to capitalize on camphor and pistachios.

### WORLD BRIEFS

### Tamil Rebel Leader Killed in Ambush

COLOMBO, Sri Lanka (AFP) — Sri Lankan commandos killed the most powerful Tamil guerrilla leader in the Eastern Province during an ambush Monday that left three other separatists dead, the government,

Folios commandos of the Special Task Force ambushed eight fighters of the Liberation Tigers of Tamil Eclam as they were planning to attack a Sinhalese village, a government spokesman said. The other four were wounded but escaped, None of the police commandos was reported hundred to the commandor of the control of the commandor of the control of the One of the separatists killed was the Liberation Tigers' leader in the. Eastern Province, who was known as Regan, the spokesman said. According to the government, Regan had set up the slaughter of 30 Buddhist moults and 4 civilians near Aranthalawa village on June 2 following the massacre of 10 Sinhalese there May 29.

### UN Plan on Gulf War Called a Repeat

UNITED NATIONS, New York (NYT) — After a six-month campaign for a resolution "with teeth," the United States has sertled for a draft Security Council plan to end the Iran-Iran war that basically repeats earlier statements. United Nations officials said Monday.

On Sunday, Michael H. Armacost, U.S. undersecretary of state for political affairs, hailed superpower support for the draft resolution, but UN officials described the new plan as essentially a repetition of Security Council Resolution 582 of February 1986, calling for an immediate ceasefire, withdrawal and an exchange of prisoners.

Iran refused to comply with that resolution, and the new draft lacks the one component that might give it some force—an arms embargo against whichever combatant did not comply.

### Turkey Threatens NATO Pullout

ISTANBUL (Reuters) — Turkey threatened Monday to review its membership in the North Atlantic Treaty Organization following a European Parliament resolution charging that Amenians had been

Turkish leaders have said that the vote Thursday by the Strasbourgbased European Parliament had encouraged Kurdish rebels who massacred 30 villagers in southeastern Turkey over the weekend. The Parliament resolution said that Turkey should recognize as genocide the deaths of hundreds of thousands of Armenians in 1915 as a condition of its entry

into the European Community.

President Kenan Eyren, in a speech in the central town of Sivas, said:

"It would be useful to sit down and review once again Turkey's membership of NATO." Mr. Evren, quoted by state radio, accused some NATO countries, which he did not name, of helping Kurdish rebels.

\*\*Payments on Africa's foreign debt, now about \$95 billion, jumped to \$14 billion in 1983.

\*\*North.\*\* Congress\*\*

\*\*North.\*\* Congress\*\* WARSAW (Renters) — The Communist authorities heavily consored a statement by Poland's Catholic bishops Monday supporting calls by Pope John Paul II for more political freedom and respect for human rights in his homeland.

The bishops met during the weekend to assess the pope's pilgrimage to Poland this month and issued a communique repeating the themes he raised in homilies endorsing the ideals of the banned Solidarity unions

The references were all cut from a version of the communique reported by the PAP press agency and published by government and party newspapers. They included an assertion by John Paul that every Poi should have the right to participate without discrimination in all aspect of society, including politics, and to express "rightful opposition."

### **Burma Airliner Missing in Mountains**

RANGOON, Burma (AP) — A Burmese airliner with about 40 people aboard disappeared and airline officials said Monday it may have crashed in the mountains of eastern Burma

An airline source said the Burma Airways Fokker Friendship 27 was on

An airline source said the Burma Airways Fokker Friendship 27 was on a regular commercial flight Sunday evening in Shan state. A government official said it was a special flight carrying local officials and officials of the ruling Burma Socialist Program Party.

"There is a plane missing," an airline source said. "Most probably it crashed in rugged terrain. If that is true there could be no survivors." Sources said the countof tower lost contact with the twin-engine plane 16 to 15 minutes after it took off from Heho, 280 miles (450 kilometers northeast of Rangoon, ft was on a one-hour trip to Mong Heat, about 15 miles east of Heho, also in Shan state, they said.

### Australian Assails U.S. Protectionism

Sheikh Abdel-Aziz, 48, said SYDNEY - Foreign Minister Bill Hayden issued an urgent plea to the U.S. government Monday to family had entrusted him to take over from Sheikh Sultan, 43, whom fight protectionist moves in Conhe accused of financial mismanagegress that be said could undermine Australian security.

Sharjah is a minor oil and gas Opening a day of military talks producer that fell heavily into debt with the U.S. secretary of state, in the late 1970s and early 1980s George P. Shultz, and the defense secretary, Caspar W. Weinberger, Mr. Hayden said that Australians through projects built with bor-rowed funds. Sheikh Abdel-Aziz has placed the emirate's debt at \$1.4 billion, Sources close to Sheikh see economic well-being as a major

component of security.
"I cannot stress too strongly," he said, "the damage that would be dealt to the Australian and other nonsubsidizing agricultural exporters by some of the protectionist measures now under consideration in the United States Congress." Mr. Shultz said Australia's economic and trade interests "continue to hold our attention as we grap-



ple with our own budgetary and trade difficulties." Mr. Hayden, discussing protect of maintaining a comprehensive tionism, also noted U.S. efforts to and cohesive support for Western end widespread subsidies of cominterests in the region. modity exports, which both he and

Mr. Shultz said showed promise. "But countries such as Australia at its South Pacific site. played no part in creating those problems," Mr. Hayden told Mr. Shultz. "Indeed, we are playing our part in reaching a solution because we have a two-to-one trade deficit with you.

Mr. Weinberger, focusing on military issues, asserted that New Zealand was militarily much weakar outside the alliance with Australia and the United States. This is the third year that New Zealand has been absent from the talks. In a joint communiqué, Australia and the United States regretted the enactment of New Zealand's anti-nuclear policy earlier this

However, there was continued disagreement between Washington and Canberra over French nuclear tests in the Pacific.



For Work, Academic, Life Expe Send detailed resume for free evoluation.

creation of a European defense sys-



PACIFIC WESTERN UNIVERSITY 600 N. Sepuivedo Bivd., Los Angeles, California 90049, Dept. 23, U.S.A.

The talks coincided with France's third nuclear test this year **Test Site Report** 

Denied by France PARIS - A report that the United States offered to let France use its Nevada nuclear-test facilities as an alternative to the South

tion," a source close to Defense Minister André Giraud said Mon-Such speculation, the source said, was "aimed at discrediting French independence" at a time when it was trying to work for the

Pacific test site has "no founda-

The offer was reported by the International Herald Tribune on Monday in a story from Singapore. It cited Australian officials and a U.S. official as saying that the offer was made in an effort to reduce anti-nuclear sentimeot among South Pacific countries, who oppose French ouclear testing at Murmos stoll. Those officials told the International Herald Tribune that France had rejected the offer but that it remained open.

#### Mr. Hayden criticized the tests, which he said add to the difficulty

For the Record

President Hosni Maharak of Egypt plans to run for a second six-yess term, according to an announcement in Cairo on Sunday by Yousset Wali, secretary-general of Mr. Mubarak's National Democratic Party. The official Middle East News Agency quoted Mr. Wali as saying that campaigning would begin next month and a national referendum would be conducted in October to elect the president.

(AP):

The International Whaling Commission began its annual meeting in Bournemouth, England, on Monday amid demands by ecological groupe for a complete worldwide ban on whaling. The congress was to be held in private session until the end of the week, while members of ecological groups were to hold protests outside the meeting place. Foreign Minister Shimon Peres of Israel left for Europe on Monday in

another effort to gather support for a Middle East peace plan opposed by his government coalition partner, Prime Minister Yitzhak Shamir. (UPI) France has agreed to resume deliveries of Mirage aircraft to Egypt, suspended in April because of payment delays, Defense Minister Abdel-Halim Abu Ghazala of Egypt said Monday. (Reuters)

### TRAVEL UPDATE

### Italy May Face a Disruptive Summer

ROME (Reuters) - Travelers in Italy are facing a summer of chaos because of strikes by workers in several sectors of the transport industry, union officials said Monday. Rail workers and airline pilots seeking improved pay and conditions

have called strikes for several days over the next three months, and workers on ferries between Italy and Sardinia have been striking for four

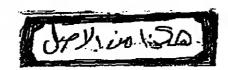
ours a day.

Gasoline station attendants were to decide Monday whether to strike for 48 hours to protest possible government deregulation of prices. The strikers are organized by groups outside fully's main union federations.

### 4 Europe Airlines to Coordinate Data

PARIS (Reuters) — Four European airlines have agreed to set up a joint computerized system to coordinate information about travel services, Air France said Monday. The system, agreed on by Air France, Iberia of Spain, Lufthansa of

West Germany and the Scandinavian Airline System, will become operational in 1989, it said. Called Amadeus, it will offer travel agencies and airlines an integrated display of airline, hotel and car rental services. 



enters any country in the world, then the minor-

ities who live there should be scared because it will

be used against them - as it has been used in this

ticed in the United States, is "a surreptitious ex-

pression of racism" because statistics show that a

Mr. Healy said the group would first oppose the death penalty in Florida. Texas, Louisiana and

Georgia because most executions in the United

States take place in those states. He added that Amnesty International would work with the

NAACP and the American Civil Liberties Union.

disproportionate number of blacks receive it.

country against blacks," he said Saturday. An Ampesty International staff member, Charles Fulwood, said the death penalty, as prac-

# U.S. Case of a Retarded Murderer Raises New Death Penalty Quandary

Washington Post Service
CONWAY, South Carolina
Manutes after the decision, the guards brought Limmie Arther, a convicted murderer with an IQ of 65, to a small back room in the Horry County jail to talk with his

Experts on mental retardation had spent the day testifying that Mr. Arther, 28, the son of a sharecropper, had the mental ability of a child 10 to 12 years old, at best. They had said he could not remember his lawyers' names or recite the

Last month Mr. Arther was sentenced to die in South Carolina's clectric chair for killing his crippled 65 gar-old neighbor with an ax and stealing his Social Security retirement benefits. On Friday, the jirdge who had imposed the death sentence refused a defense plea to feduce Mr. Arther's sentence to life in prison or grant him a new trial.
One of Mr. Arther's lawyers, John Blume, asked him how he felt

about the result. "I ain't too sure," Mr. Arther said, smiling. "I feel good anyway," he said, adding: "Got a new trial." "Limmie, he didn't give us a new trial," the lawyer replied, wincing. This means we're going to have to appeal it. You know what appeal

An Honor for Nancy Reagan

By Esther Iverem

New York Times Service .

NEW YORK - Twenty-five

young black men began patrolling the city subway system Sunday in

an effort to curtail crime that they

believe disproportionately affects

The organizers of the patrol said

that the unarmed volunteers will

patrol all subway lines from 6 P.M. to 6 A.M. daily and will intercede

when they see crimes against the

They said the patrol said it began

young men shot are black. A U.S. subway station.

the black community.

members of any race.

Mikhail Baryshnikov, the ballet star, dancing with Nancy

Reagan in Washington during the Ford Theater's festival ball.

She was presented with a medal for her support of the theater

Group to Patrol N.Y. Subways

civil rights investigation after the

had acted out of fear and that there

Mr. Goetz, an electrical engineer, was charged with attempted murder, assault and illegal posses-

sion of a weapon. He was acquitted

in the December 1984 shootings by

a jury last week. He was convicted

of carrying a loaded, unlicensed

revolvet in a public place. Nathaniel Cumberbath, a mem-

ber of the patrol, which is called the

Disciples of Justice, said, "I don't

had been no racial motivation.

\* - to

dient 2 Page

. . .

1223

. . .

"Yes, sir," nodded Mr. Arther, The case of Limmie Arther poses the troubling question of whether the death penalty may be imposed on murderers who are mentally retarded - or whether their execution should be barred, as Mr. Arther's lawyers contend, under the U.S. Constitution's Eighth Amendment, which prohibits cruel

and unusual punishment. "It's just wrong to execute people whose understanding of the world is that of children," said Mr. Arther's chief lawyer, David Bruck.

"The death penalty is an absoit is to be imposed at all it should be imposed on people whose sense of responsibility and judgment is such that they fully appreciated the seriousness of what they were do-

But prosecutors in Mr. Arther's licitor. case, and other advocates of capital punishment, argue that, as long as mentally retarded offenders understand the criminality of their acts and are competent to stand trial, their low intelligence should not shield them from execution.

There is an abundance of evidence in the record to show the defendant knew what he was doing, knew the criminality of his act, knew the difference between tight and wrong," argued Debbie Ow-

### U.S. Amnesty Group Seeks End to Penalty We should know that when the death penalty

SAN FRANCISCO - Amnesty International USA has decided to seek an end to the death penalty, which speakers called a violation of bu-man rights and "a surreptitious expression of rac-

The international group, which won the Nobel Peace Prize in 1977, is best known for its efforts to

end luman rights violations around the world. But its U.S. director, John Healy, told 1,000 American members at the group's annual meeting that capital punishment is the ultimate violation of

human rights and should be abolished. He called for an end to capital punishment in

ens, the assistant Horry County so-

that Mr. Arther is retarded, but they presented no evidence to rebut the defense witnesses.

Defenders of a death sentence for Mr. Arther also point to the brutality of the murder and to Mr. Arther's prior criminal record. break-ins and his guilty plea to in-sentence. That was the year the An IQ of 100 is considered aver-voluntary manslaughter in the Supreme Court permitted capital age. stabbing death of his older brother, punishment to resume.

who attacked Mr. Arther with a thick piece of wood.

The Supreme Court has never

squarely addressed the issue of whether a retarded person may be executed, and Mr. Arther's inevitable appeal could become a test case. If his death sentence is up-held, his execution would be the first since 1976 of a defendant whose retardation was an issue be-That record includes five house fore the judge or jury imposing the

Mental retardation, however, is not unusual among the 1.901 convicts on death row. A survey by the Clearinghnuse on Georgia Prisons and Jails, a group that opposes the death penalty, found that at least 250 prisoners nationwide had IQs below 70, the accepted cutoff for mental retardation, and that 15 percent to 20 percent functioned at a below-average intellectual level, with 1Qs in the law 70s or below.

Of 77 murderers executed since

The economy is another area to

which the Democrats are speaking

though they have criticized Japan

for its trade policies, many Demo-

crats say the United States needs to

The Democrats bave also taken

that give workers bonuses and

tion will cost jobs in certain parts of

talk of the need for expanded train-

Job training, as well as educa

tion, again emerges as a theme

when the Democrats talk about

changing the welfare system.

ing of displaced workers.

of innovation and compassion. Al-

enital nunishment was reinstated. at least five were diagnosed as men- first told the police that he earned tally retarded or borderline. But the the money selling pecans, then issue of their mental capacity was switched his story and told them he raised too late in the process to stop stole it from his father. When Le-

Mr. Arther is the 17th of 18 children raised in a tiny, tin-roofed snack amid the tobacco fields of rural Duford, near Myrtle Beach.

The crime for which he has been sentenced to death occurred on New Year's Eve. 1984, Mr. Arther's sister, Marilyn, drove him into town along with William Miller, who was known as Cripple Jack, and Mr. Miller's wife, Katie, Mr. Miller cashed his Social Security check, paid some bills and bought two half-piots (about a half liter) of have had the sense to go hide in the liquor, which he and Limmie attic or the ability to create a story Arther drank behind a local store. and to change it,"

Marilyn Arther dropped her hrother and Mr. Miller at Mr. Miller's house. Limmie Arther said he was going to chop some wood. When Mr. Miller's wife returned a few hours later, her husband was shack, the police found Limmie Arther's bloodstained shirt. At the Arthers' home, they discovered bloody boots sticking out of the rafters and \$100 in his wallet.

roy Arther disputed that, Limmie changed his story again and said he had taken the money from Mr. Miller earlier that day.

(حکذا من العمل

Mr. Arther did not testify at his

To prosecutors, the fact that Mr. Arther hid after the murder and lied to the police demonstrate that

he understood what he had done. "If he didn't understand the criminality of his act after he killed Cripple Jack Miller," said Ms. Owens, the prosecutor, "he wouldn't

From the defense viewpoint, Mr. Arther's attempt to escape responsibility by hiding and lying is evidence that he is not a savvy, streetsmart criminal.

"He took his bloody shirt and dead. A bloody ax was lying near-left it soaking at the scene of the hy. In a washtub outside the Miller crime," said Mr. Bruck. "There be is, hiding in the attic with his feet sucking out. Good grief. if that's the crime of a mature criminal, I Limmie hiding in the attic. his think the job of our law-enforcement agencies would be a great deal easier than it is."





#### who has not yet announced his can-AUTHORS WANTED BY N.Y. PUBLISHER didacy, draws loud applause for his setts, is touting a program similar to the one he has put into effect. attacks on merger manuacs, a reference to the one he has put into effect. erence to financiers and Wall Street brokers. Mr. Bahbitt emphasizes the difference between entrepre-

Leading subsidy book publisher seeks manu-scripts of all types, liction, non-fiction, poetry puvenule, scholarly and religious works, etc. New authors welcomed. Send for free backlet H-2 neurs who move "paper" and workers who build the nation's

# DON CARLOS

MARBELLA

The Dan Carlos Hotel is at the centre of a 130 gare private estate of pinewoods and sub-tropical gardens sloping down to the finest sandy beach in Marbella; extensive recreational and sporting facilities; special arrangements include free golf, tennis and the use of sauna, jacuzzi and gymroom.

For special holiday information and reservations contact your travel agent or;

**Don Carlos Hotel** The Golondrinas Estate, Marbello, Spain Telephone: (52) 831 140/831940 Telex: 77015/77481

# Oratorically, a Democratic Agenda Takes Shape

By E.J. Dionne Jr.
New York Times Service

WASHINGTON - The Democrats who would be president have found a new political language.

Instead of talking about "spending," they propose "investments in nation is prepared to turn toward a the future." They hate the word sense of the "public good." They hate the word "taxes," preferring, when they have to, to speak of "new revenues." And they have draped themselves in red, white and blue, seeking to blend the theme of compassion with patriotism, optimism and toughness.

But beneath the words is a substantive consensus that is coming to be called the "post-Reagan agen-

Although it is not yet complete, the emerging platform includes a renewed commitment to public education, a focus on the needs of children, calls for a more competitive but also more cooperative economy, efforts to create a welfare system that emphasizes work and job programs, and an aggressive attack on what they describe as the culture of selfishness

The Democrats' move toward consensus on domestic policy has not yet been matched by a similar shooting concluded that Mr. Goetz agreement on foreign policy.

But on domestic issues, there is surprising agreement on themes, an accord that stretches from the Democratic Leadership Council on the party's right and center to Americans for Democratic Action at its liberal wing.

Underlying the Democratic consensus is an emphasis on words

West German Dentists Strike

want me or my son to be picked as COLOGNE - Most of West id response to the acquittal last targets for violence or harassment week of Bernhard H. Goetz. 39 in because we are black." the shooting of four persons on a subway train Mr. Goetz said he shot them because he believed they intended to rob him.

Mr. Goetz is white and the four Mr. Goetz is white said the four Mr. Goetz is whi

more and more attention to chilsuch as "community," "citizenship" and "obligation." dren's programs, and other Democrats are following suit.

The Democrats say that after seven years in which the national credo emphasized the potential and achievements of the individual, the sense of the "public good."

"There's a sense that something learn from Japan's cooperative is missing," said Representative style of business management.
Richard A. Gephardt of Missouri. The Democrats bave also tal one of the presidential candidates, their party's historic commitment There's been this worshiping of to the rights of workers and refashdoing well individually, but it is not ioned it with an emphasis on "in-allowing us to do well individually centives." They praise companies or as a nation.

shares of profits and criticize those "What we missed in all this, and what the country is beginning to that give bonuses only to execuunderstand, is that buman issues, a tives. sense of community, treating evagreement that economic innovaerybody decently, is vital to our success," Mr. Gephardt said. the manufacturing and service in-dustries. Thus, all the candidates

William Schambra, a conservative scholar at the American Enterprise Institute, argues that the Democrats' rhetorical strategy is not new and that liberals have long tried to stress a sense of "national community" as against the conservatives' preference for "local com-

giving the party the opportunity to vided that these programs move look unified.

Emphasizing one form of patriotism, former Governor Bruce Babbitt of Arizona, another presidential candidate, speaks of his efforts in the war on poverty. Other Democrats discuss the obligations of 'citizenship."

Such language belps solve what Governor Bill Clinton of Arkansas, who is contemplating entering the Democratic contest, has called "the great dilemma for Democrats: how to speak to the possessed and the dispossessed at the same time."

who is also running, has devoted

emphasize not only more spending but also a commitment to "excel-Finally, there is the issue of self-

Michael S. Dukakis of Massachu-

Senator Paul Simon of Illinois, who

has also appounced his candidacy,

emphasizes his commitment to a

jobs program similar to the Works

ployed were given government

On education, the Democrats

Progress Administration of the

New Deal, in which the unem- strength.

BACHELOR-MASTER

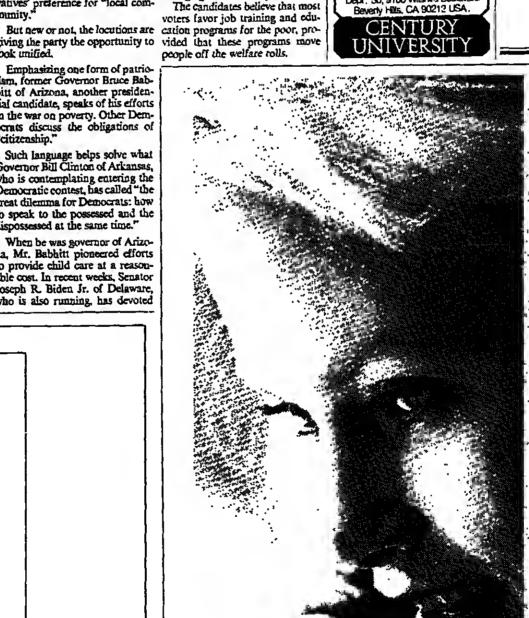
DOCTORATE Business · Engineering · Education Start your future today! Send resume for FREE evaluation. Exce-

CENTURY UNIVERSITY Dept. 50, 9100 Wilshire Boulevard

CENTURY

### rience counts toward degree. No WE HAVE OVER 2,000 GRADUATES.

Beverly Hills, CA 90212 USA.



# Now when you want to reach the States, an

Calling the States when

USADRECT service is a great way to use your AT&T Card or call collect. And you'll be billed at AT&T operatorassisted international rates. IN THE U.K., DIAL 0800-89-0011;

AUSTRALIA, 0014-881-011; DENMARK, 0430-0010; GERMANY, FRG, 0130-0010.



Marriott Hotels Summer Sale.

*Up to 50% off.* 

PARIS, Avenue George V: LONDON, Grosvenor Square: AMSTERDAM, Leidseplein: ATHENS, Syngrou Avenue: VIENNA, Parkring.

It makes even more sense to use Marriott hotels in Europe now that we've reduced our prices by up to 50%.

The central location of our hotels make them perfect for both meetings and entertainment while our in-house business facilities and first class accommodation provide a superb business environment but now at a reduced price.

The Marriott Summer Sale offer - it's a better way of doing business.

Our special rates for weekdays and weekends this summer are available from 1st June to 31st August 1987, for rooms only. For reservations, contact your travel agent or phone one of the numbers below. London 01-439 0281

Germany 0130 4422 toll free France 19 05 90 8333 toll free

United Press International

USADRECT.

AT&T operator is only seconds away.

you're overseas has never been easier. Wirh USADIRECT service, all you have to do is dial a number to be connected to an AT&T operator in the US. In some countries, you'll even find special USADIRECT phones in airports, seaports, and hotel lobbies

FRANCE, 19"-0011; THE NETHERLANDS, 06"-022-9111;

Pestable one will bear only, excludes

### **Submarined by Allies**

Western security bas been undercut by the avarice of two companies, Toshiba of Japan and Kongsberg Vaapenfabrikk of Norway, and by their governments' lacka-daisical supervision of militarily sensitive exports. Under false pretenses, the companies shipped machinery to the Soviet Union that will enable the Russians to fabricate quieter submarine propellers. Soviet submarines will now become much harder to detect, all so that Toshiba and Kongsberg could turn some extra profit.

Both Norway and Japan concede the seriousness of the diversion. Neither seems yet to appreciate the sentiment building in Congress for sterner reprisal than the diplomatic tur-tuts being uttered by the administration. The House of Representatives last week voted 415-1 to demand compensation. In the Senate, Jake Garn suggests that "we ought to really burt Toshiba." Norway and Japan would be smart to volunteer some more substantial remedy than the wrist slaps so far given to their errant companies.

No technology can be kept a Western monopoly forever, but there is every reason to try slowing the rate of seepage of militarily useful technology. Under rules set by their coordinating committee, COCOM. the North Atlantic Treaty Organization countries and Japan thus restrict export of such products. Though COCOM rules are administered seriously by the United States, France and Britain, other countries have lax enforcement and mild penalties.

Kongsberg and Toshiba evidently believed they had little to fear in their conspiracy to sell propeller-milling equipment to the Russians. Toshiba provided the milling macomputer and software to drive them. Both companies lied to their export authorities about the sophistication of the machines. The U.S. Defense Department believes the Russians supplied the design of the propel-lers to Kongsberg, which wrote the software. Norway asserts software was provided only for the computer's operating system.

Soviet submarines have long been so noisy

that some could be detected an ocean away. Perhaps because of the hemorrhage of navy secrets passed on by the Walker spy ring, recent designs have become considerably quieter, almost as quiet as U.S. suhmarines. Propellers are only one source of noise, and it is not clear whether Soviet submarines have already benefited from the Kongsberg-Toshiba machines, sold in 1983 and 1984.

But even if the Russians still lack the sophisticated testing and quality controls to make best use of the equipment, they have gained substantially. The navy estimates it will take \$1 billion or more for advanced

electronics to undo the damage. The administration hopes the incident will prompt more vigorous export controls by its allies. It resists the idea of sanctions lest they cause resentment instead of cooperation. But tighter export control is the least to be expected of Norway and Japan. They argue that payment of compensation is inappropriate between sovereign nations, and that their own security was also harmed. But why should only American taxpayers bear the cost of the Kongsberg-Toshiba treachery? Something more is needed than apologies and hand-wringing.

- THE NEW YORK TIMES.

### 'Time Out, Dammit!'

NATO military commander, unburdened himself of no mean valedictory grumble in an interview with Jim Hoagland of The Post (IHT, June 19). Referring to the Reagan administration's "rush" to an arms control agreement with Moscow and the cascade of other proposals pouring out of the Kremlin, he declared: "Somebody ought to stand up out there and say to NATO. "Time out, dammit!" We have moved too quickly, and it is time for us to sit back and think and reorganize."

General Rogers speaks for the many who feel that a combination of erraricism and uncertainty in the Reagan administration and activism and confidence in the Kremlin has strained the alliance badly. There is a widespread expectation that Mikhail Gorbachev may soon come on even stronger to turn some of the West's old arms control offers back upon it, as be did with the "zero option" proposal on intermediate-range missiles. The Europeans' particular fear is now "denuclearization," seen less as deliverance than as exposure to the whims of Soviet conventional power.

But General Rogers may be too sensitive to European NATO jitters. The arms control pact that Washington ostensibly is "rushing" toward is one it put on the table, at European orging, nearly two presidential terms ago. If the alliance was not fully had a long time to contemplate it. No one could claim that Ronald Reagan's every step, before, during and after Reykjavik, has been calculated to ease the apprehensions Europeans naturally feel during successive phases of great-power tension and flux, Still, it is odd to see a U.S. officer bouncing on the European yo-yo, wondering whether Mr. Reagan and Americans in general lean too far toward Cold War or too far toward detente. Secretary of State George Shultz, calling the Rogers state-ments "entirely incorrect" and "ridiculous," was understandably furious.

As for Mr. Gorbachev, Westerners have been telling themselves since he came to power that he is agile and determined to win respite for Soviet domestic renewal. This has turned out to be true. So why do wise and experienced people like General Rogers complain that the West cannot cope? The lack of self-confidence is unbecoming, perhaps even a bit self-fulfilling. Mr. Gorbachev's European initiative is bracing but not invincible. He has good ideas and bad ones. The altered climate is also provoking Europeans to think anew about ways in which they can better care for their own defense. Thanks to the contributions of General Rogers and others, the Atlantic alliance surely has the fiber to sort these various ideas out.

### **An Assault on Immunity**

together in the U.S. Justice Department's strange new assault on the special prosecutor law. One is the idea that independent lawyers should investigate when high officials are charged with misconduct. The other is diplomatic immunity, which protects foreign representatives from prosecution for whatever charges are cooked up in other countries.

It is a needless collision. In its eagerness to denounce one possibly errant prosecutor, the Justice Department strains to tarnish the law that makes possible all such independent, credible inquiries.

The issues intersect in two cases. Special prosecutor Whitney North Seymour Jr. seeks to compel the Canadian amhassador and his wife to testify in the perjury trial of Michael Deaver, President Reagan's confidant and former aide. The prosecutor says Ambassador and Mrs. Allan Gotlieb are essential witnesses as to whether Mr. Deaver lied about his involvement in U.S.-Canadian affairs before leaving the White House to become a lobbyist. Mr. Seymour argues that the Gotliebs waived immunity when they agreed to cooperate, if in limited fashion. The Gotliebs and the Canadian

government say they intended no waiver. Another special prosecutor, Lawrence Walsh, who is investigating the Iran-contra affair, has subpoensed David Kimche, who was director-general of the Israeli Foreign Ministry when he helped broker the sale of U.S. weapons to Iran through Israel Israel claims diplomatic immunity and also cites an

agreement Congress made not to subpoena Israeli citizens to testify in the case. But Mr. Walsh argues that this legislative branch agreement cannot bind him. More difficult is the question of whether Mr. Kimche, no longer a diplomat, still enjoys immunity.

- THE WASHINGTON POST.

The Justice Department, eager to block renewal of the law authorizing special prosecutors, seizes on such difficulties as a further argument. In the Deaver case, the State Department and experts on international law are virtually unanimous that the Gotliebs have the right to withhold their testimony. Thus it is perfectly outrageous, by the Justice Department's lights, for their diplomatic immunity to he trampled.

Yet there is a forum for resolving such questions, which the Justice Department has now employed: the federal courts. They remain open to protests of excess, whether the counsel is independent or not. If the Gotlieb claim is as solid as it appears, a federal judge will certainly honor it. If Mr. Seymour's claim is excessive, that does not taint his other work, or the work of other independent counsels.

Diplomatic immunity has many unhappy consequences, including the deportation without trial of alleged rapists. But it also protects American diplomats abroad, and may properly protect the Gotliebs and Mr. Kimche in the United States. Their cases will be argued before federal courts. That, not doing away with special prosecutors, is the way to protect diplomanc immunity. -THE NEW YORK TIMES.

### Other Comment

Soviet Actions Speak Loudest

Before rushing to make concessions in disarmament talks, the West should wait for Mikhail Gorbachev to show in actual deeds, rather than mere rhetoric, that the expansionist Soviet foreign policy of the Brezhnev era has changed. The experience with de-tente, accompanied as it was by a massive

Soviet buildup of nuclear missiles, indicates that caution is in order. A fixed timetable for the withdrawal of Soviet troops from Afghanistan, and a genuine reduction of Soviet troop levels in Czechoslovakia and East Germany, could reduce Western mistrust and give real meaning to the talks on conventional disarmament, while preserving security. - Neue Zürcher Zeitung (Zurich).

INTERNATIONAL HERALD TRIBUNE JOHN HAY WHITNEY, Chairman 1958-1982

KATHARINE GRAHAM, WILLIAM S. PALEY, ARTHUR OCHS SULZBERGER

LEE W. HUEBNER, Publisher

JOHN VINOCUR, Executive Editor . WALTER WELLS, Editor . SAMUEL ABT, KATHERINE KNORR and CHARLES MITCHELMORE. Deputy Editors . CARL GEWIRTZ, Associate Editor .

ROBERT J. DONAHUE, Editor of the Editorial Pages.

RENÉ BONDY, Deputy Publisher • ALAIN LECOUR and RICHARD H. MORGAN, Associate Publishers • FRANÇOIS DESMAISONS, Circulation Director • ROLF D. KRANEPUHL, Advertising Sales Director International Herald Tribune. 181 Avenue Charles-de-Gaulle, 92200 Neuilly-sur-Seine, France. Tel.: (1) 46,37.93.00. Telex: Advertising, 613595; Circulation, 612832; Editorial, 612718; Production, 630698. Directeur de la publication: Walter N. Thaver.

Editor for Asia: Michael Richardson. 5 Canterbury Rd., Singapore 0511. Tel.472-7768. Ttx R556928
Managing Dir. Asia: Malcolin Glern, 50 Gloucesier Road, Hong Kong. Tel. 5-8610616. Telec: 61170
Managing Dir., U.K.: Robin MacKichan, 63 Long Acre. London W.C.2. Tel. 836-4802. Telex: 262009
Gen. Mgr. W. Germany: W. Lauaerbach, Friedrichstr. 15, 6000 Frankfurt/M. Tel. (069) 726755. Ttx 416721
Pres. U.S.: Michael Cannay, 850 Third Are., New York, N.Y. 10022. Tel. (212) 752-3890. Telex: 427175
S.A. au capital de 1.200.000 F. RCS Nanterre B 732021126. Commission Parliaire No. 61337
© 1987, International Herald Tribune. All rights reserved. ISSN: 0294-8052.



# Waldheim's Vatican Visit: Jews Feel 'Burning Outrage'

By Arthur Hertzberg

between Jews and Roman Catholics. For the first time ever, the Vatican had sent an official delegation to meet with an equally weighty group that spoke for the major Jewish organizations.

In three days, most of the issues that preoccupy Catholics and Jews, from anti-Semitism to abortion, were aired, and the delegates discovered how long the journey was yet to be before Catholics

Jewish-Catholic dialogue is threatened — unless John Paul is providing the Austrian a graceful way of leaving office.

and Jews could wipe away the legacy of centuries of persecution and disrespect.

The moment of that meeting that I cannot forget was an intervention by Archbishop Roger Etchegaray of Marseilles, who is now a cardinal at the Vatican. He turned to me, at a break in the proceedings, and said: "The issues are not impor-tant, old and tragic though they may be. At this

meeting, we must begin to look into each other's hearts and begin to feel each other's pain."

Pope John Paul II has now invited Kurt Waldheim to the Vatican. He has done this even though - or perhaps because - every civilized government will have nothing to do with this president of Austria, who lied about his Nazi past. I shall heed Cardinal Etchegaray's injunction and try to look into the heart of the pope.

Mr. Waldheim is a practicing Catholic and is entitled to the pastoral concern of the church. Austria is a Catholic country, and it cannot he excluded from the love of Peter's successor. But

N EW YORK — In September 1971, in a synagogue in Paris, there was a new beginning in the often painful history of the relations there no other way of saying to the Austrian people that they are cherished sons of the church? Let me ask my Catholic brothers to understand the pain in a Jewish heart. I speak not of the pain of centuries but of the hurts of recent years. We have rejoiced in the zeal of the church, and especially that of the present pope, in the

battle against anti-Semitism. We know of quiet interventions for people in trouble, and it would be wrong, even at an angry moment, not to acknowledge this fraternity. But our discomforts have been growing. We are ever more convinced that in the Nazi era, and in the immediate years thereafter, the church, on balance, worried more about fleeing Nazis than it did about dying Jews.

Today, the pope continues to withhold diplomatic relations from Israel.

The memory of the Holocaust and the miracle of Israel's existence are the two high dramas, one tragic and the other glorious, of our Jewish lives. We know that the leader of our Catholic brothers remains deeply shaken by his own youthful memories of Nazi-occupied Poland and that he is glad that Jews are no longer hunted, but we fear that the pope does not feel our pain as we feel it or share in our great joy in Israel as we do.

There is burning outrage in the Jewish world at the invitation to Kurt Waldheim, and the bodies that began the formal dialogue with the church are now asking whether this relationship can continue, especially since the pope has

asked that the current topic be the Holocaust.

Jewish leaders have argued about the tactics to
use in the battle with Mr. Waldheim. But the
Jewish world is united that a man of his past, who looked away while Jews were murdered and Yugoslav villages were burned, is not morally acceptable as a world leader. In this they are joined by all Western opinion, except for a divided Austria.

I cannot believe that the pope expects to reverse this judgment, or even to unite Austria, by having the Swiss Guard salute Mr. Waldheim he arrives at the Vatican gate.

My heart tells me that it is not so simple; at

least, I hope so. Otherwise this will be no isolated tempest that will blow over. It will poison the highest levels of Jewish-Catholic relations.

I hope that the pope has invited Mr. Waldheim to provide him with a graceful way of leaving the presidency of Austria. If that is the penance that the pope is imposing he will serve Mr. Waldheim and Austria, and both Catholics and Jews. The pope will then be seen as the leader of a church that wants to turn away from Mr. Waldheim's sorry past and to confront its own collective conscience. A simple whitewash by the pope of the evasive Mr. Waldheim is unthinkable.

I await good news from Rome, the news of a courageous leader acting for the future. I tremble at the thought of another regressive and angry era in relations between Jews and the church.

The writer, a rabbi, is vice president of the World Jewish Congress and a professor of religion at Dartmouth College. He contributed this com-ment to The New York Times.

# As Reagan Declines, It's Time to Plan for the Future

WASHINGTON — The decline of President Reagan's influ-By James Reston will probably dominate the news this summer, with Colonel North and Ad-

ing on what the president knew and

when he knew it or forgot it. But after

all this pawing over the past, there will

still he time to plan for the future. With the decline of Mr. Reagan, the

transition is starting earlier in this elec-

tion than usual. There are some

thoughtful people in both parties who

recognize that the situation is ton seri-

ence here is more than a problem, it is an embarrassment. The capital is still hoping that he will get an arms deal with the Russians, but mainly it is turning its attention to his successor. He will, of course, go on and on like a stuck whistle, calling for a line-

item veto and a constitutional amendment to balance the budget, hut the Congress is now waiting him out and trying to control the damage. It will not he easy. After he cleaned out the basement in the White House

and appointed Howard Baker as his chief of staff, it was hoped that the president would compose the differences within his cabinet and improve his relations on Capitol Hill, but the new regeocy is still divided. Secretary of State George Shultz

had misgivings about flagging the Kuwaiti tankers in the Gulf just as he opposed the president's decision to ship arms to Iran. And Mr. Baker thought it was a "unique opportunity" when the Russians decided not to increase their Gulf flotilla and offered to the president preferred confrontation. Unfortunately, the contra hearings

consult on ending the war there, but

anything, but would at least be orderly and objective summaries of the miral Poindexter on the stand testifyprincipal issues for decision.

One of the major problems of U.S. presidential elections is that the winner usually staggers out of an exhausting campaign with only a few weeks to pick a cabinet and a White House staff, draft an inauguration speech, deliver a State of the Umon essage and construct a budget. Unlike the chief executives of other

ous to be left to Mr. Reagan or the democratic countries who have percandidates who are roaring around the manent undersecretaries of the varicountry selling themselves, Governor Mario Cuomo of New ous departments and agencies who carry on from one administration to York, for example, is proposing the formation of a national bipartisan ecothe next, the winner of the U.S. election inherits little more than a party nomic commission to study the budplatform that he did not write and a get, trade, monetary and other related civil service that he does not know. issues so that the presidential nomi-This is the argument for an ex-

nees will have some considered judgpanded. "transition period" beginments to guide them in the campaign. ning now. The situation in November Others are suggesting similar comof next year will not be like Novemmissions on arms control, drug conber of 1984 when the re-elected Ronald Reagan carried his first-term team into his second term. After the trol. education reform and public health to assist the winners and nourish the national debate in the 1988 next election he will be gone, and both parties will have to begin anew. After the assassination of Presicampaign. Their reports, of course,

with President Lyndon Johnson at his ranch in Texas. He was grappling

with this problem of transition.

"You know," he said, "I've been around Washington for quite a while, and I know some people from the South and the Southwest, but with all these jobs to fill Pm just realizing I don't really know where the good peo-ple are in the Middle West or the far West. I don't know how to find them."

He said that when he had to ap-point judges, he had the help of the bar associations, and he wondered whether the press associations in the various states could not get together rosters of the most talented people in their areas. It was not his best idea but it illustrates the problem.

If the political parties were strong. today, they would take on this task of preparing for the campaign, collect-ing data for the coming debates and mustering the best talent available.

But like the president, they are not now in a strong position. They are leaving the joh primarily to the announced candidates, who are out raising money and speaking primarily for themselves.

The New York Times.

### Yes, Collar the 'Fat Cats,' but Let's Curb Ourselves Too

WASHINGTON — I was listen-By David S. Broder

ing to a presidential candidate happened to be Joe Biden, but it could have been any one of them talk the other noon. He mentioned an all-day meeting with some economists. He repeated some of the ideas he had gotten from them. And suddenly I was reminded of a peculiar slant in the coverage of politics in America.

Suppose Mr. Biden had said he had spent the day with his big contribu-tors. The reporters around the table would have pummeled him with questions about what these "fat cat, special interest" guys wanted in return. But because he was talking about idea

merchants, no one blinked an eye.
When it comes to campaigns, dollar contributions are deemed to be potentially or actually corrupting. The view is that they need to be limited - as the Senate is again struggling to do - or at least made

land. Last year he earned \$2,400

from his first coffee harvest, nearly

three times the average per capita income in Thailand. This year he

expects to earn \$6,000. The most he

ever made when he grew opium

land. I was skeptical that farmers

anywhere could earn more from

food crops than from opium. Mr.

Lao and his fellow villagers have done so. That is a hreakthrough in

the war against drugs and a crucial

Thai farmers now can make more

from a crop that sells for \$5 a pound

in New York than from one that

retails here for \$1 million a pound.

The lion's share of profits from her-

oin of course, are skimmed off by

Until the early 1970s, the hill

tribes of northern Thailand grew

ahout 150 tons of opium a year.

Many were involved in insurgency

movements. The government, see-

ing drug trafficking and the insur-

gency as twin threats to security.

decided to halt opium production.

Rather than rely on military force, it

adopted e strategy of integrating

the tribes - previously deprived of

schools, roads and other services —

Bangkok asked the United Na-

tions Fund for Drug Abuse Control

into the national economy.

intermediaries and crime bosses.

factor for Thai development.

Before visiting northern Thai-

poppies was \$800.

But no such taint attaches to other vital compaign ingredients, notably manpower and ideas. People who make their contributions by volunteering to walk a precinct or by offering to write a position paper for a candidate are deemed to be performing a generous act of good citizenship.

Why is it dangerous to contribute dollars, but not to contribute labor or thoughts? The answer has to lie in the eye of the beholder. When it comes to influence on po-

licy, few would seriously maintain that a \$1,000 contributor exerts more leverage than the person who drafts a speech for a contender or gives him his briefing on trade policy or the Gulf. But the people who write about politics, like myself, are far closer in spirit to the briefers and the ghostwriters

In the Thai Hills, a More Lucrative Crop

N EW YORK — Lao Law lives in Mae San, a Yao trihai village in the hills of northern Thailage in the hill of northern Thailage in the hills of northern Thailage in the hill of north

to explore ways to replace optum

with other cash crops. In experi-ments with 155 crops, eight proved commercially viable. Arabica coffee

became the key crop; kidney beans,

potatoes, cabbage and other vegeta-bles became supplements to the local

diet, as well as produce for market.

But more was needed for change to take hold. Agricultural extension

services, access to better seeds, train-

ing in the use of fertilizers and insec-ricides, and development of markets,

health services and schools were part

of a development program carried

out in 56 villages from 1973 to 1984.

expert who headed the effort, has

seen dramatic changes. Four years ago, he said, the hillsides of Mae San

were covered with opium. Today

they are covered with Arabica coffee.

sary. "When we went into a village."

said Mr. Mann. "we explained that

government policy was to eradicate

opium growing. Opium could be grown, but in lesser amounts each

year until it was eliminated." In a

Hmong village, Jao Leu, the head

man, told us the village had harvest-

ed 640 acres (260 hectares) of opium

The phasing out of opium proved prudent. It takes three years before

coffee beans can be harvested. Mr.

Mann noted that "if the govern-

and the UN Development Program ment bad gone in and destroyed to the International Herald Tribane.

in 1984. Last year it was 40 acres.

Law enforcement was also neces-

Dick Mann, the UN agricultural

when organizations like Common the husiness trusts, and the other Cause, which provides the lohlying special interests that try to advance muscle behind the recurrent drive for their selfish goals at the public's exwe in the press tend to respond.

Frank Sorauf, a University of Mincal Science Quarterly. He analyzes news coverage on three recent cam-

In every instance, he makes a convincing case that the coverage reflected not a partisan or an ideological bias, but a particular strain of American thought: the Progressive tradi-tion that was a powerful force in U.S. politics from the 1890s to the 1920s. The Progressives, as the political

would have created an alienated

population, refugees and a heavy

dependence" on state aid.
"Our troops could destroy all the poppies." said Major General Cha-

valit Yadmoni, secretary-general of

the Thailand Opium Narcotics Con-trol Board. "But we have to give the

villagers another source of income.

Last year Thailand permitted pro-

duction of about 25 tons of opium, one-sixth the level of the 1970s. This

will not, of course, take heroin off the

streets of London or New York -

Thailand now accounts for less than

can earn a living from other crops is

itself important. And crop substitu-

tion has been proved to be a critical,

and readily replicable, element in

The rural development program developed in northern Thailand is

now being extended to other hill

villages by UN bodies, government

aid agencies and private groups, in

cooperation with Thai anthorities.

To spread that success to other

countries will require more money

from the major user countries and a

more determined effort by grower

countries both in law enforcement

and in rural development programs.

The writer, a consultant to the UN

Development Program, contributed this

the global war against drugs.

percent of world production. But the fact that opium growers

That is the challenge."

"campaign reform," sound the alarm, pense by buying elections and corrupting public officials." Progressivism faded as a political nesota professor, has demonstrated force 50 years ago, but it remains alive that point nicely in an article in Politi- and well in American journalism and

in many self-styled reform organizations. The Progressives' belief in the paign finance developments in The New York Times, the Los Angeles sumption underlying most of the current efforts to limit contributions by political action committees, or PACs, to introduce public financing of congressional campaigns and to place ceilings on campaign spending.

Reformers and journalists tend to

share that Progressive tradition. They also know that their influence derives from their presentation of information and ideas, not from their wealth. It may be right to say that dollars corrupt politics while ideas enlighten it. But there is enough of a coincidence between assets and arguments to justi-

fy a degree of skepticism. I happen to think that the rapidly rising costs of many Senate races do justify an effort to slow this form of political inflation, at least temporarily. But there is an excess of moralism

in the preachings on this topic. A pluralistic society properly should allow many channels by which people can seek to influence decision-makers. And you can see more than a tinge of intellectual elitism in the notion that only money corrupts.

The Washington Post.

# For Seoul, policy by Stern but Quiet Talk

By Flora Lewis

SALZBURG — The violent crisis in South Korea goes on. It will leave more bitter scars in a country that has many resentments to cherish, and whatever the United States does now, anti-American feelings are stoked.

There is little prospect of any carly employing ending of an era, as the election stolen from Corazon Aquino and reclaimed by the will of the people. ple caused in the Philippines. The problem is not just President Chun Doo Hwan. It is the perpetuation of a tough, military-run regime in a country that has made extraordinary economic and social progress in a generation. Politics lags behind.

And it is a reflection of the strains added when a country undergoing the difficulties of rapid change is also a key piece in the East-West conflict Like leftist youths in West Germany, the South Korean demonstrators have their own ideas for the country they live in, and they do not see why they should think instead about the munist regime next door.

Unfile the Germans, they have not had democratic experience. The country was ravaged by a half-century of Japanese occupation. When Nova Korea invaded in 1950, it had scarcely begun to revive. Since then, protected by 41,500 American troops, it has flourished and made an enormous mark on the world of commerce.

But it is still partitioned, still smarting at a sense of less than complete independence. President Jimmy Carter planned to withdraw the U.S. troops, which probably would have been a good idea in terms of the development of internal South Kore-an politics as well as in terms of cost

to the United States.
It was a bad idea strategically, so demonstrably bad as detente broke down and Moscow pushed at soft spots around the globe that he canceled it. The troops remain and guard

the front effectively.

North Korea is still a taut, opaque, heavily armed state with undisquised ambitions. Kim Il Sung is aging but he has not begun to bend in the direc. tion of reforms that even Vietnar/ behind China and the Soviet Union. has come to admit are necessary.

From time to time, there have been stures toward minimum accommodation between the two halves of Korea. But they never get far. There is nothing like the human contacts be tween the two Germanys, actively and expensively encouraged by Bonn, to ease the pain of partition, It is a shame that Seoul was not

willing to accede to Pyongyang's demand for a larger share as host to Olympic events. That would have forced some opening of North Korea and provided a test of what lies beneath the surface. Nobody knows. Mr. Kim is trying to assure that the regime will go on unchanged by preparing the succession of his son, which may or may not work. It would be imprudent

for South Korea to let down its guard. But this is not a good enough argument for keeping what is essentially a military regime, without its uniforms, muzzling the democratic aspirations of the South. On the contrary, the refusal to consider constitutional ref scientist Austin Ranney once wrote, believed that "the great enemies of form before next year's Olympic Games and the failure to persuad the opposition that elections will be

fair are causing the trouble now. Even the Olympics are threatened. They should be moved unless there are clear signs fairly soon that the government is prepared to calm the atmosphere by seeking reconciliation with its people, and it is to he hoped it has now reached the point of decision. The demands are not new. Twenty years ago students were rioting in Scoul, calling for democracy. Now their children are saying the same, and they will not be denied indefinitely. The dilemma for U.S. policy has

no easy answer. Urging the government to talk to the opposition and to show restraint has not had much effeet. Inevitably, many Koreans hold the United States responsible for the survival of repression. In the eyes of the demonstrators, doing nothing to oppose it is a proof of support

But this is not a case for sanctions, certainly not trade sanctions, which would immediately he seen as a U.S. trick to limit Korean competition with a thin excuse. Some stern talk is needed, preferably in private so as not to stiffen the confrontation.

Americans made a huge sacrifice to safeguard Korea's chance for its present prosperity and its hopes for de-mocracy. The United States has a right to press the government to ful-fill those hopes. But it is also paying the price of focusing too much on global rivalry when the people directly involved have their own priority. The New York Times.

### IN OUR PAGES, 75 AND 50 YEARS AGO

1912: Taft Is Nominated 1937: Riots in Trinidad CHICAGO - President Taft has PORT-OF-SPAIN, Trinidad - With

vention on June 22]. The vote was: 101; Senator LaFollette, 40; Senator Cummins, 17; and Justice Hughes, 2 an independent candidate, in which the Democratic party with the sorry skeletons of a dozen States." The New York Herald adds: "If the

Democrats do not pick their steps and accept good guides, they will be in the brambles of Chicago."

been renominated on the first ballot one man killed and eight wounded in [by the Republican National Con- an attack by strikers on the San Farwention on June 22]. The vote was:

Mr. Taft, 561; Theodore Roosevelt,

21], the casualty list of Trinidad oil riots, which began in the domain of the United British oilfields [on June NEW YORK — The Democrats are 19], has now reached 12 dead and discerning enough to see that the only more than 60 injured. San Fernando, hope of victory is harmony [at the Democratic National Convention southern part of the island, is a city of opening June 24 in Baltimore.] The terror. Six strikers were shot as they New York World says: "A hack or a tried to storm a police car near San reactionary nomination at Baltimore Fernando [on June 21], while fighting would bring back Mr. Roosevelt as plant of the United British Company. capacity be would poll as many Democratic as Republican votes, leaving employees in all parts of the island Harbor workers and public works struck [on June 22]. Governor Sir Murchison Fletcher has called out all available citizens to serve as special constables. The British carrier Ajax arrived at Pointe-à-Pierre and landed four parties of marines and sailors.



1

11 - (21 g

### **OPINION**

### When Helms & Co. Pursue Policy by Wrecking-Ball

By Philip Geyelin

WASHINGTON — What with the introduce economic and social reforms. WASHINGTON — What with the Boland amendment and Nicaragua, or the War Powers Act in the Gulf, one yearns for a clear-cut case to sharpen the mind-bending debate over the respective roles of Congress and the executive in the making of foreign policy. Well, there is one. For more than eight months, the Senate has been manhandling the nomination of a career Foreign

dling the nomination of a career Foreign Service officer, Melissa Foelsch Wells, to be the U.S. ambassador to Mozam-bique. She is hardly the first (and will certainly not be the last) ambassadordesignate to be caught up in a foreign policy power play. Mozambique, the former Portuguese colony on the south-

### Helms's current target is '100 percent guilty' of supporting U.S. policy.

east coast of Africa, scarcely qualifies as a top-priority U.S. security concern. But even as a microcosmic case study, this one has macro-implications that only begin with the mean-minded mischief-making of Senator Jesse Helms of North Carolina or the ideological hooli-

ganism of the far right.

The charge against Ms. Wells (as is usually the case) has nothing to do with her credentials or her competence. Her problem, as one State Department official puts it, is that she is "100 percent guilty of supporting the Reagan adminis-tration's position" on Mozambique. It is the Reagan policy that her critics (mostly Republicans) cannot abide. And the reason for this is that over the past four years. the Reagan administration has been sensibly and successfully standing the "freedom fighting" fixation of the Reagan doctrine on its head in Mozambique.

Undeniably, when the "anti-imperialist" revolutionaries in Mozambique hroke away from Belgium's colonial rule, they turned to Marxism-Leninism for inspiration and to the Soviets for military aid against the Mozambique National Pesistance, or Renamo, a ragtag rebel movement of the most dubious origins. Renamo was created by the white supremacist government of Rho-desia in an effort to blunt Mozambique's support for the liberation movements that eventually brought independence to what is now Zimbabwe. For its legitimacy, it now relies on the sponsorship of South Africa.

Also undeniably, Mozamhique's young government wrecked the country's economy with its Marxist doctrines and fell afoul of the Carter administration's human rights policies by its re-pressive ways. But in 1983, President Samora Machel made a conscious decision to loosen the Moscow connection,

and reach out to the West. with Moscow or Marx. But they were sufficiently impressive to bring an invi-tation to the White House for Mr. Ma-

chel from Ronald Reagan in 1985. After Mr. Machel died in a plane crash last year, the trend continued under his successor, Joaquim Chissano. His recent call on Britain's impeccably conservative prime minister, Margaret Thatcher, won him a doubling of British aid. America's most important Western allies, as well as strategically located black African states, support the Mo-zambique government and the Reagan administration's policy. Black African states bordering on South Africa depend on Mozambique's road, rail and pipeline

links to Indian Ocean ports.
But that is not enough for Helms & Co.
They would use Melissa Wells as a bludgeon to reverse the Reagan policy and put America on Renamo's side of the strug-gle. In his distinctive, low-down, high-handed way, Mr. Helms did not even show up for Ms. Wells's confirmation hearings. He voted by proxy against her when the nomination was overwhelming-ly approved by the committee. Whereupon, be bullyragged her with an unprece-dented 246 picky, tendentious and largely

Up to a point, this is vintage Helms. What is new is that the Republican senator has rallied twice the dozen or so archeonservative Senate colleagues he can usually count on when making life miserable for Reagan appointees. A mod-icum of respectability has been added by the inclusion of the minority leader, Bob Dole. As majority leader, Mr. Dole used to insist in these matters on a reasonably

prompt test — on the merits.

But Mr. Dole now is running for president. Renamo has a lobbyist papering Congress with geopolitical junk mail. Clearly, right-thinking about Renamo will be made into a litmus test when it comes to raising money from conserva-

tive sources in next year's campaign. A preliminary, procedural vote sug-gests that Ms. Wells would win 56-28 if the question were put to a decisive test. But Mr. Helms and his wrecking crew are threatening a filibuster and the Democratic majority leader, Robert Byrd, wisely wants to have the extra votes that would be needed to limit debate and bring this squalid business to a close.

Secretary of State George Shultz has let it be known that be and the president will hang tough. That is their duty, and their right. The Senate's duty is to demonstrate that it is worthy of its right to a reasonable role in the conduct of foreign policy. That means not permitting its power and its procedures to be subjected to such shabby abuse.

Washington Past Writers Group.



# LETTERS TO THE EDITOR

#### The Iran-Contra Affair: An Issue of Legal Boundaries

Regarding the opinion column "Con-gress Is Invading the President's Space" (May 27) by George F. Will:

The Reagan administration now argues that the Boland amendment [restricting U.S. support for the Nicaraguan rebels] did not apply to the president or the National Security Council. This sounds like a prelude to yet more damaging revelations. The the-sis fails on at least two counts.

First, since the president is the executive agent of the law, he is bound to act within its boundaries. That the law does not apply to the president flies in the face of constitutional reality. To assume otherwise would undermine the foundation of American government.

Second, the National Security Council is not an operations group. It was created by Congress in the National Security Act of 1947 to serve the president in an advisory capacity. The NSC was not included in the language of the amendment because it is not a legitimate

agent of American foreign policy. Mr. Will says that the president "should long ago have argued that laws like the Boland amendment are not laws; they are unconstitutional." This is a magnificent leap in argument supported only

by sentiment, not by the constitution. It is profound frustration with political opposition that moves conservatives to reach for the constitution. A sound and just policy could be defended on its merits. A sorely contested political issue should not be obscured by such appeals.

For all its wonders, American government is not graced with a precise delinestion of authority, particularly in the realm of foreign policy. Congressional preroga-rive is fluid, rising and falling in time for reasons of experience, initiative and politics. U.S. foreign policy may not be neat and that is unfortunate, but recent history suggests that unfettered executive supremacy abroad tempts tyranny at home.

The problem with the administration and its apologists is that they are uncomfortable with democracy. The government works best at home and abroad when we deal with the reality of opposition and the necessity of compromise. The test of leadership is to grow stronger in the face of a challenge.

When its spirit is not acknowledged, the law is more conducive to oppression than to justice. This president may have violated the spirit and the letter of the law. I would suggest that the former is the more serious offense.

JOHN GALLAGHER. Oxford, England.

The truth is that the constitutional debate over the division of powers has now been conducted for 200 years. The constitution's ambiguity has served the nation well, allowing Lincoln and both Roosevelts, among others, to act unilaterally when the nation's interest required.

When the president is right, events prove him right, and Congress eventualapplauds (remember Grenada?). When he is wrong, events prove him wrong, Congress says "I told you so," holds illuminating hearings and then writes legislation to prevent the last war. May the debate go on forever!

[Name withheld]. Turin.

Congress, through crackpot legislation 220,000 people a day (or 2.5 every secsuch as the Boland amendment, is at ond) means that the equivalent of the tempting to control all of the details of foreign policy which, of course, it cannot do. We should all realize by now that a Democratic Congress is playing politics and trying to downgrade the president and the Republican Party, even if it involves tearing the nation apart much to

the consternation of our European allies. MARTIN J. ROESS. St. Petershurg, Florida.

If aid to the contras did not violate the Boland amendment as the White House now claims, then why was the aid given n such utmost secrecy? If the whole thing was perfectly legal, then why did Colonel North and Admiral Poindexter refuse to testify? And why did the president, who is known to be nearly obsessed with his attempts at overthrowing the Nicaraguan government, not simply come forward and supply the

"It is certainly not a fallback position.

It's been our position all along," said the White House chief of staff, Howard Baker. Then why do we hear of it only after months and months of public agonizing? This is a sad and cowardly performance that smells of a coverup.

LEONARD SUHL Portimão, Portugal,

### Regard for Earth's 'Crew'

I find Jonathan Power's opinion colımn, "Population: Don't Be Frightened by the Numbers" (April 27), to be a very narrow analysis of the problem raised by the world's galloping birthrate, A world population "growing by

entire U.S. population is added to the planet in slightly less than three years. Since we are the only animal species with no automatic brake on its multiplication, we shall have to put it under control ourselves someday, somehow, The time lag between the decision to control our numbers and a tangible re-

N EW YORK — "Subway Vigilante" is a lovely song with a nice melody and a real folksy quality," asserts Ronald Gold, whose group recorded the number, subuiled "The Bal-

lad of Bernhard Goetz." "It is sing-

MEANWHILE

able, hummable and danceable - the

perfect Father's Day gift."

Mr. Gold is the lead singer of Ronnie

& the Urban Watchdogs, a vet to be popular group. He had about 500 records on hand for Father's Day but rush-or-

dered, 10,000 more after the acquittal of

hundreds of products touted in advertise-

ments as that "perfect gift for Dad." from lube jobs and lawn sprinklers to Steuben

Glass penguins and sterling silver money

clips that would leave dad with precious

"Subway Vigilante" was just one of

Mr. Goetz of all but one charge.

can we afford to procrastinate? Mr. Power also misses two unportant dimensions of the problem. First, there hardly is any means devised by the human race to cope with its ever increasing number (from fertilizers to nuclear pow

billion to the crowd. How much longer

er) without unwanted side effects. Second, what about the quality of life? This is not only a function of having sufficient food (in connection with which, incidentally, Mr. Power's observation that "the number of people confronting dangerous hunger due to population pressure is prohably not much more than ... 100 million people" sounds complacent). The Earth is our spaceship; common sense suggests that there is an optimal size for the well-being of the crew.

BAUDQUIN RICHARD.

Letters intended for publication should be addressed "Leuers to the Editor" and contain the writer's signature, name and full address. Letters should be brief and are subject to editing. We cannot be responsible for the return of unsolicited manuscripts.

An Embarrassment of Riches By William E. Geist little to put in them. Dad, after all, often participates in financing these purchases. One would think that by now some

The 'Perfect' Dad's Day Gift:

consumer protection agency or other would have swooped down on Father's Day, when hundreds of millions of dol-Day, when hundreds of millions of dol-lars are spent by children on such gifts. Sometimes mothers, who may still be furning over the jumper cables they re-ceived for Mother's Day, help the children with Dad's Day purchases. There are no laws to stop a disturbed mother from advising the children to buy mesh T-shirts, rum-soaked cigars or "lawn aer-ation sandals" —spiked sandals for casual strolling and lawn aeration.

A bulletin from the National Confec-tioners Association was headlined, "Survey Says Most Dads Don't Get What They Really Want on Father's Day." Good thing, or it might be the last day

they spent in their own homes. Seventy-one percent of all fathers said in a national survey that they would like to get candy," said Richard T. O'Connell, president of the National Confectioners Association, "hut only 10 percent actually do. Mother's Day confectionery sales topped \$286 million, but Father's Day les are only about one-quarter of that. "Our research," he said, "shows that more telephone calls are made on Moth-

er's Day than on Father's Day and that more collect calls are made on Father's Day than on any other holiday."

AT&T officials said about four million more calls are made on Mother's Day than on Father's Day. They could sult will mean the addition of a few more

not immediately confirm the shameful collect-call situation, but said that it is widely believed to be true. Lawn sprinklers and such are fine gifts, Mark Brenner supposes, but Mr. Brenner, the president of the Foot Couch Co., of Manhattan, said that only

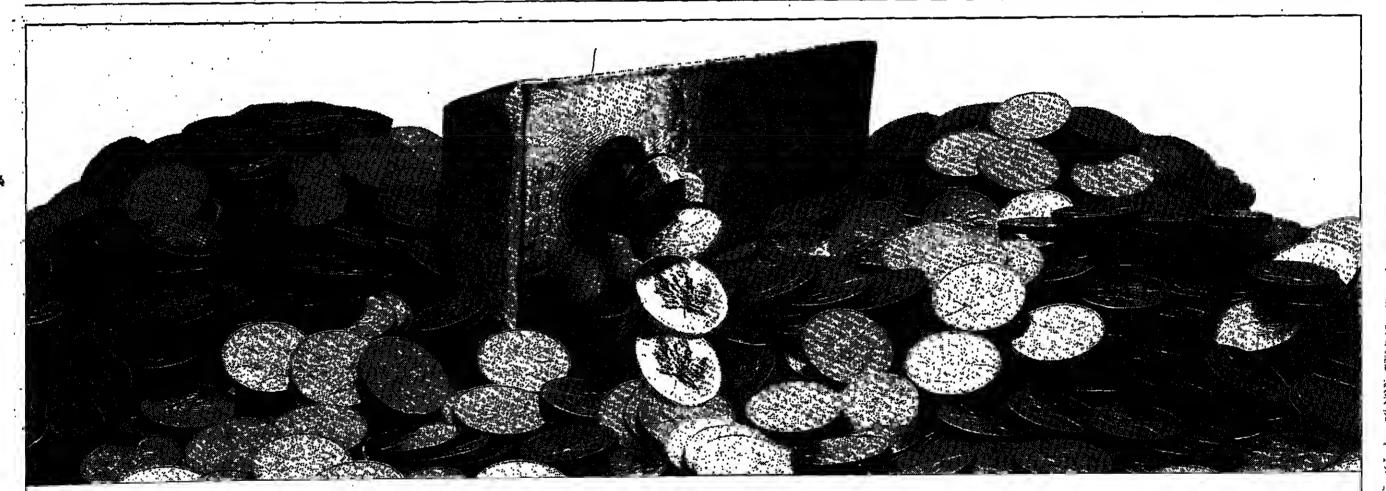
his invention was the actual "perfect gift for Dad." The Foot Couch is a thing you put under your feet when you put them on your desk. It costs about \$40.
"Putting your feet on your desk is in fashion." he said. "It is a sign of calm. casual confidence and power. President Reagan puts his feet on his desk. So do

Ted Turner, Paul Volcker, Senator Boh Packwood and lots of others. "Monarchs of Europe and pashas of the Ottoman Empire put their feet up." he said, adding: "I would sure love to get

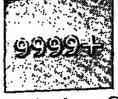
out of inventory on these things." The Foot Couch comes in two models: the elegant "Connoisseur," with "a hutter-soft leather-top cushion attached to an elegant marble base," and the 'Masseuse," a piece of rosewood with a tufted, genuine leatherette top cushion, all of which vibrates.

Mr. Brenner said that, sure, the Foot Couch has a variety of other uses.

Kindling? Disposability, after all, is critical in the perfect Dad's Day gift. The New York Times.



# The world has invested in more than 10 million ounces of "pure gold".



To be number one, you have to offer something more. Those who buy gold want more value for their investments and they know Gold Maple Leaf bullion

coins give them more in pure value.

First of all, they hold gold because it can anchor a portfolio and provide protection against the performance risks of other investments. History has proven it to be the ultimate store of

value...the only stateless currency. Secondly, they want purity. They won't accept just any gold, as they know that over 95% of all gold traded



in the world has a purity of 995 or better. And, the majority of gold held by central banks also has a purity of 995 or better.

The Gold Maple Leaf provides the ultimate in purity. Each coin is 9999+ fine gold.

Thirdly, they know that the Royal Canadian Mint gives a little gold away in each 1, 1/2, 1/4, and 1/10 ounce Gold Maple Leaf coin and that this has been confirmed by independent tests.

Finally, they seek liquidity. Because of its unquestioned reputation for purity and strict weight control, and



its truly international distribution, the Gold Maple Leaf has now achieved unsurpassed recognition and accep-

tance. This ensures that the buyer can trade the Gold Maple Leaf for cash on demand, without costly assay. Its price is directly related to the daily fixing of gold in London.

Because of its purity, its guaranteed gold content, and its international liquidity, the world has already invested in more than 10 million ounces of Gold Maple Leaf bullion investment coins - the world's gold coin standard.



THE GOLD MAPLE LEAF The world's gold coin standard.

Canada

talk about a contingency plan left the Hondurans uneasy, Mr. Gold-

decision of the U.S. whether to sup-

port the contras or not." he said.

give support, we feel there is a mor-

al obligation on the part of the U.S.

government to find a solution for

the contras, and not in Honduras.

We could not possibly host a frus-

the Nicaraguan Resistance, arrived

In an apparent reaction against

ers planning to arrive from Costa Rica should stay home, Honduran

The Iran-contra hearings, mean-

while, resume Tuesday in Washing-

Brennan in Charge

The difference is that last year

(Continued from Page 1)

ton following a two-week recess

However, if the decision is not to

"We believe it is completely the

stein said.

By William Branigin Washington Post Service

TEGUCIGALPA, Honduras — As the Iran-Contra affair drags on and Nicaraguan rebels. in Washington, the prospect of a weakened Reagan administration meeting to discuss the plan was is causing increasing nervousness in Honduras and other Central August. Nicaragua has charged American countries, according to diplomats and Honduran sources.

The nervousness is prompting effort to change the plan. Central American nations friendly to the United States to make a greater effort to distance themselves from Reagan administration policy in their region and from the Nicaraguan rehels supported by Washington, the sources said.

Anxiety among both the Hondurans and the contras stems from a concern that U.S. funding for the rebels will not be renewed or will be severely restricted, leaving the rebels unable to remain inside Nicaragua to press their war against the government. If this happens, the Hondurans would be forced to provide sanctuary for them.

"The Hondurans are reassessing their relations with the United States," a Western diplomat said. "The military for their own reasons are taking a harder line vis-à-vis the contras

Honduran military authorities are beginning to grow jittery about what will happen when a new U.S. president takes office in 1989 "or maybe even before," said a source close to the Honduran Army. "They don't want to be left holding the hag."

For us, the important consideration is that the fran-contra scandal weakens enormously the policy of the Reagan administration in Central America," said Manuel Acosta Bonilla, a leading Honduran lawyer and opposition politician. "This has generated a certain attitude of more independence hy Costa Rica and Guatemala toward American policy.

President Oscar Arias Sánchez of Costa Rica has been promoting a Central American peace plan that appears to be causing increased consternation in the Reagan administration.

According to diplomatic sources. a recent meeting in Costa Rica with the U.S. special envoy, Philip C.

#### 6 Die as Boat Sinks in India Agence France-Presse

NEW DELHI - Six persons were drowned and more than 30 were missing after a boat carrying at least 81 people sank Monday in a river near Manikpurghat in West Bengal state, the Press Trust of In-

Habih, Mr. Arias rejected entreat-never abandoned its friends. The ies that the plan be amended to unwillingness of U.S. officials to include a call for negotiations between the Sandinist government

A Central American summit postponed from June 25 until early that the postponement was instigated by Washington as part of an

The plan calls for cease-fires between Central American governments and insurgents, an end to all trated, defeated, armed, angry foreign military aid to insurgencies group of rebels." - including the contras - and a Last week three members of a timetable for "democratization" in new contra umbrella organization,

The main U.S. objection to the in Tegucigalpa for a meeting. plan is that it would cut off aid to the contras while leaving the San- the publicity surrounding the meetdinists in power, free of pressure ing. Honduran authorities asked either to make their government the three contra leaders to leave more democratic or to reach an and let it be known that three othagreement with the contras.

Earlier this year there appeared to be a widespread perception in sources said. Central America that the Iran-contra affair was essentially a U.S. internal matter that was not affecting policy or commitments in Hondu-

The contras, buoyed by deliveries from the \$100-million U.S. aid package approved last year, insisted that the affair would not impede their efforts to infiltrate Nicaragua

from Honduran base camps. Now, however, the erosion of the Reagan presidency from the con-eatly was designed to appeal to gressional hearings have prompted contra leaders to consider how to make the U.S. aid last longer, into early next year, rebel sources said.

arly next year, rebel sources said. ing justices to his corner." Mr. In addition, it has left Honduran Tribe said. authorities expecting potentially more damaging revelations from Chief Justice Rehnquist was con-Washington, and apparently taking firmed was whether he would modsome measures to distance them- erate his views and move toward selves from the contras. Developments in Honduras have to be a purist, Mr. Tribe said.

underscored growing resistance within Honduras to operations by in the direction that he is a principled purist willing to give up influthe contras from its territory.

In May, the opposition National ence in order to preserve his integ-party sent a three-member delega-tion to Washington to discuss U.S. admirable and for liberals like me. policy in Central America with ad- a happy development. It leaves ministration officials and congress- Brennan in charge.

partment group beaded by the as- last summer for the frequency of sistant secretary of state for inter- his lone dissents. He was the lone American affairs, Elliott Abrams, dissenter only twice last year and the Hondurans asked if the United twice so far this year.

He said his group was told that there was no need for a contingen- Justice Brennan controlled only cy plan because U.S. aid would about 19 opinions in cases when he continue and the United States had was in the majority and Mr. Burger



Wreckage of a vintage Bristol Blenheim lies on a golf course near London.

### Golf Course Claims a Bristol Blenheim

LONDON — The dreams of a group of aircraft restorers lay in ruins on an English golf course Monday after the only flying example of a World War II Bristol Blenheim fighter-bomber crash-

The three-member crew of the aircraft, which bad been rehuilt over the past 12 years and only

harmed after it failed to complete a touch-and-go and crash-landed on a nearby golf course west of

A spokesman for the British Aerial Museum, a private group of enthusiasts who specialize in restoring aircraft, said the twin-engine plane was a

### TUNISIA: Role of Islam Is at Center of Ferment

crisis has been harsh. Mosques and

homes were reportedly raided in

the recent roundup of supposed

ment. The statement denied collu-

(Continued from Page 1)

minister who is the most prominent leader of the secular opposition. "And this repression only encourages the most fanatical and extremsomeone," Mr. Tribe said. It attracted only the chief justice's vote.

Mr. Mestiri said in an interview "He doesn't seem to be attractrecently that in conversations with militants. According to Mr. Mes-Mr. Ghannouchi, the fundamental- uri, the authorities uncovered a One open question last fall after ist leader, be had discovered pro- computer disk listing the names of found differences, both theological the movement's sympathizers. and ideological, herween the Shiite Moslems of Iran and the Sunni the center of the court or continue Moslems of Tunisia, and a readiness on Mr. Ghannouchi's part to tolerate other beliefs. Now there is evidence strongly

Paris, accused by the French police of being linked to a pro-Iranian terrorist movement. The Tunisian government acknowledges that the six were recruited among Tunisians living ahroad and has not formally linked them to the Islamic Tendency Movement

Shortly afterward, however, Tunisia broke relations with Iran, closed Tehran's embassy and or-dered its bandful of diplomats to leave the country.

By official accounts, the Iranian Embassy had circulated tracts calling for the revolutionary overthrow of the government and had financed trips by Tunisian fundamentalists to the Iranian city of Qum for training in revolutionary

Government officials say the Ira-This term he has already asnian Embassy also circulated video cassettes offering instruction in the tactics of street insurrection and sought to infiltrate the university and mosques to recruit the devout.

But the authorities have not pro-

Iranians and Mr. Ghannouchi. In the 1970s, some specialists argue, Mr. Bourguiba encouraged the teaching of Islamic values at the Supreme Court reinstated Monday country's restive universities, supthe death sentence of John Harvey posedly as a hulwark against Com-Adamson, convicted in the 1976 munism. The authorities said the munism. The authorities said the bombing murder of Don Bolles, an number of mosques built by the investigative reporter for The Ari-/ government increased from 800 in 1960 to almost 2,500 in 1987.

The country's Communist Party has since been legalized while similar legal status has been denied the Islamic movement

This rejection, some specialists argue, may have belped strengthen The opinion by Justice Byron R. Islamic sentiment that Tunisia's vaunted Westernization, reflected in the emancipation of women and the separation of church and state. has denied traditional religious val-

"Islam has been denied all op-

### olerate other beliefs. sion with foreign powers, including The newest crisis dates to March, Iran, and said the police had beaten when six Tunisians were arrested in the group's detained members, tion and treachery. land, of cancer.

portunity to intervene in secular problems," said Mustafa Filali, a writer with opposition sympathies. The authorities' response to the

The accusations of torture were repeated in a statement Wednesday hy the the Islamic Tendency Move-

into their mouths during interroga- Fashion Entrepreneur

The government denied the ac-

Government officials acknowledge that the Islamic Tendency Movement may have projected moderate image, but they say that was part of a conspiracy cloaking a violent, long-term desire to seize power by Iran, whose government, they say, draws only a slender dis-

hurned their hair and poured urine Carlo Stefanel, 62,

cusations of torture and said it had international fashion house, died furnished sufficient proof of the Sunday after a brain hemorrhage.

furndamentalists' links with foreign Mr. Stefanel opened his first

president and chairman of Harper & Row publishers, died Saturday in Asheville, North Carolina. dancer, not necessarily because of his voice but by his conception of

Earl (Madman) Muntz,

Louis Van Iersel, 93, believed to have been the most decorated sur-

viving American veteran of World

War I and the first noncitizen

awarded the Medal of Honor, June

Vera Caspary, 87, a novelist

playwright and screenwriter known

for her films "Laura." "Letter to Three Wives" and "Les Girls." of a

George Korinek, 40, a former

bass player with Mitch Ryder and

the Detroit Wheels and Minddy

Waters, last week in Detroit of ar-

Washington and a former press secretary for Senator Edward M.

Kennedy, Thursday in Washing-

Dancer Dies at 88

(Continued from Page 1)

projecting a song."
"Dancing is a sweat job," Mr.
Astaire said when he was 66. "You

can't just sit down and do it, you have to get up on your feet. When

you're experimenting you have to try so many things before you choose what you want, that you may go days getting nothing but exhaustion. This search for what

you want is like tracking something that doesn't want to be tracked."

own ability in perspective as the years went by with his capacity for

aganizing self-appraisal. He stopped dancing about 1970.

nearly a decade later.

Mr. Astaire kept himself and his

**ASTAIRE:** 

Richard Drayne, 49, public af-fairs counsel for CBS News in

stroke June 13 in New York

9 in Roseburg, Oregon

Zany Car Dealer, Dies

RANCHO MIRAGE, Califor-

nia — Earl (Madman) Muntz, 73.

whose zany ads for used cars were

the hutt of jokes by radio comedi-

ans, died Saturday of lung cancer.

Mr. Muntz was also a manufac-

turer of TV sets and car radios. He

began dealing in cars as a teen-ager in Elgin, Illinois. He moved to Cali-

fornia in the 1940s and started an

offbeat ad campaign on billboards

He defied the notion that used-

car salesmen ought to project a

staid image. He was portrayed on

hillboards as a cartoon figure in red

flannel underwear and a three-cor-

Mr. Muntz embraced the wacky

image of his ads and reveled in their use by such comedians as Bob Hope, Jack Benny and Steve Allen.

NEW YORK (NYT) - Ray-

mond C. Harwood, 81, n retired

Raymond C. Harwood, 81

Headed Harper & Row

and the radio.

nered hat

Mr. Harwood joined what was then Harper & Brothers in 1930 as assistant treasurer and served the company in executive posts through much of the tenure of its leader, Cass Canfield.

Other deaths.

TREVISO, Italy (Reuters) Carlo Stefanel, 62, founder of an

store in 1980, with the emphasis on fashions for young people that were produced and sold under the Stefanel label.

Herman H. Barger, 71, a retired Foreign Service officer who helped negotiate free trade agreen with Europe and Japan during the 1950s, June 15 in Bethesda, Mary-

Alexander Kovalenko, a Soviet official, measuring the present level of radiation near Chernobyl. In the background is nuclear reactor No. 4, which blew open a year ago.

#### or organizational links between the INUCLEAR: A Stillness Hounts Towns Near Chernobyl Down to Rio." in which he ap-"What we are doing today, spe-Officials bristle at the mention,

(Continued from Page 1)

but is now empty - a 20th-century

ings. Bicycles stand on the balconies. In the window of an apartment on Heroes of Stalingrad Street, panty hose are lined up on a hathroom clothesline. Dead plants sit on windowsills; children's sand

huckets lie ahandoned. Outside, it is as if this city once described as the "most beautiful of Soviet atomic energy towns" had just emerged from the sea. Sand, which was used to cover the contaminated earth, is everywhere. Even so, grass stubbornly sprouted

past a nursery playground and the Pripyat school, looks at first like any Soviet city: long rows of block bousing, all similar. But here, there

are no people, no children. freely through the emptiness.

ticular a stinging piece in the monthly magazine Yunost, have suggested that people were left in

On a June day, the wind blows The inhabitants of Pripyat left on April 27. The debate about whether they were evacuated soon enough is still going on Recent articles in the Soviet press, in par-

the dark, and encouraged to go about their business on the day of the accident, a Saturday.

55 are being readied.

off limits since the accident.

time being

In recent months the Soviet gov- lenko said.

the multistory apartment build. Ralists to visit Pripyat, and even the caused radiation levels to drop 1937 with Joan Fontaine.

Rigueles study on the build. Chernohyl plant, which had been markedly in some areas in the zone. From 1940 on Mr. Asta officials said.

"Levels that were before consid-No one will say for sure when Pripyat will be repopulated, although it has been listed among the ple to start running around alarmed," Mr. Kovalenko said. settlements where decontamination efforts have been halted for the

Sixteen of the zone's 179 inhabited areas have been repopulated, Mr. Kovalenko said, and another

thing you can't see?" said one evac- drey Hepburn ("Funny Face,"

Retweet "I don't want to be the oldest performer in captivity," he said The Astaire dance story did not

. ...

A \$10 B

100

Det But all the

± ±/3°.

lantone

start at birth, but was begun not long after that event, which took place in Omaha, Nebraska, on May 10. 1899. His name was Frederick Austerlitz, the same as his father's, a brewery worker and an emigrant from Austria who during World War I anglicized the family name to Astain As soon as the boy could, he toddled along with his mother to pick up his sister, Adele, who was

18 months older than Fred, at dancing school. She was outstanding as a dancer at 6 and it was not long before their mother, Ann Geilns Austerlitz, had Fred studying ballet there, too, at 4. A few years later, Mrs. Austerlitz took the children to New York to

break into show business. When Fred was 10, he and Adele made their first professional appearance — in vandeville — in Keyport, New Jersey. They went on to be-come one of the best-known dance teams in the country.

His first movie was "Dancing Lady" (1933), with Joan Crawford and Clark Gable. This was fol-

From that point on, they were ple, mostly workers from the plant, and dismiss the reports as "subjective cialists a year ago thought could be the unconsestable stars of their but is now empty—a 20th-century tive" reporting based on rumors. out Miss Rogers during that time Laundry still hangs on the line in erument has allowed foreign jour- Decontamination efforts have was "A Damsel in Distress" in

movies for many studies with many dancing partners, among them Rita ered to be nothing now cause peo. Hayworth ("You Were Never Lovelier," 1942), Lucille Bremer (Yolanda and the Thief, 2:1945).

But in the eagerness to show how normal everything is, people still ("Easter Parade," 1948), Cyd Charrely on simplistic evaluations.
"How can you be afraid of some "Silk Stockings," 1957) and Au-1957).

The view down the broad alleys. AIRPORT: After Ruling, Fears of Solicitation Abuses

(Continued from Page 1)

International Society for Krishna Consciousness, or the Hare Krishnas; the Unification Church of the Reverend Sun Myung Moon, and the organization of Lyndon H. LaReuche Jr., a conspiracy theorist and fringe political figure.

Security officials say that at a growing number of airports new groups have appeared recently asking passengers for money and ng the right to do so under

the First Amendment. "We have religious groups fight-

ing over territory at the airport," said Maurice McDonald, manager of Lindbergh Airport in San Diego. a plastic badge." We have ladies that look like nurses but they aren't; men who look like priests who aren't, kids in training to be Hare Krishnas."

They just pounce on the serhe said. "They dazzle them with sweetness. If you're 17 or 18 years old and haven't seen any-body but a drill sergeant for 14 weeks and someone smiles at you and says, 'Hi, where you from?' you might donate, too. The city attor-ney has said that as long as they are a bona fide religious organization

they can solicit, but anyone can be one: von can. I can: all von need is The Reverend James Bradford of

the United Mission Church, which rescues many of the city's homeless said that many of the men dressed as priests at Los Angeles ternational Airport were recruited on Skid Row by an entrepreneur

who outfitted them.
"A guy dressed like a priest in a busy place like an airport can take in \$100, \$150 a day," he said. "But they're hurring legitimate people trying to help the homeless. They're frauds and they're killing us."

LOW COST FLIGHTS

UNDER SPECIAL CONDITIONS, New York for F800, Los Angeles or Son Francisco for F1800, Paris 42 66 18 18.

ECNDON - NEW YORK \$195. North American Travel. LIK: 07-734-8100.

LEGAL SERVICES

US LAWYER, FORMER JUDGE, serious mothers crywhere. William Shefield, 31 Middle Beach Rd., Madison, CT 06443 USA. Tel. (203) 245-0234

FOR SALE & WANTED

MOVING. MUST SELL oil furniture. Paris 45272050 between 11 am-10m

COLLEGES &

UNIVERSITIES

CIRC WESTERN UNIVERSITY, For

leaders of himor and-kovernment		
parties.  Perhaps more important, the	GENERAL POSITIONS WANTED	
concessions did not touch at all on the most critical issue: what the ruling side will say, sometime this	WORLD TRAVELER AVAILABLE for counier employment. Relicible. Templer Ltd. Flot rate. The 7101115306 USA.	
week, about revising the constitu- tion to make its provisions for se- lecting a national leader more dem-	ACTRESS public specifing soles tech- siques, seeks port-time/full-time job, free to travel, NYC 212-734-0824	
octavic. It was this issue that set the crisis	EDUCATIONAL POSITIONS AVAILABLE	
in motion, creating a clamor for its	INT'L UNIVERSITY IN PARIS seeks entructors for English composition or	

sition but also from national as-

said Monday about the matter. Gaston J. Sigur Jr., the U.S. assistant secretary of state for East

reans as equivalent to one by a bih Berri, has been active as well in presumed that he will seek to nudge the opposing sides toward talks.



non, M.A. and Ph.d. candidates Voild working papers required. C.V. to: Boy 4776, Herald Tril 92521 Neully Cedex, France. WANTED: Briglish Mother Tongue sechers for Paris from August 17. Must be E.E.C. or have valid papers. Send C.V. and phone number his Box 4779, Herold Tribune, 92521 Neutry Geden, France.

OPENING VERMONT Set Break for In a Seeing 2 young women to live in & cases with child care & househoping, Inn located in beouffed green moutains of Vermont, Offering string, boding, termis, swimming etc. Require responsible, combinous & frendly grit, non-stockers preferred. Available immediately, Coli 201-837-8759 (New Iersey LSA)

LICENSE PLATES, tox-free, look bad and, and \_\_expire, fast solutions Pun-shon, P.O.B. 2477, O1-6901 Linguina.

EMPLOYMENT AUTOS TAX FREE DOMESTIC POSITIONS WANTED INTERCORP'S

**AUTOS TAX FREE** FOR MORE THAN 12 YEARS UROPE'S LARGEST SHOWROOM **TRANSCO** 

2030 ANTWERP, BEIGIUM TI 323/542 6240 Tx 35207 Trens b

SPECIAL SUMMER PRICES

BANW 320, Bouer convertible
blue metallic / blue. DM 36,500
BMW 745 IA highline grov/
brown metallic / resun. DM81,900
Mercades 300 SL convertible
black metallic / groy leather. DM82,900
Mercades 500 SL convertible
silver metallic / ton leather. DM99,900
Mercades 200,900 SE
burgundy red / lon leather. DM63,900
Mercades 200,900 SE
white / black leather. DM 68,900
Mercades 300 Diesel
pool groy/ blue desh. DM99,900
Vollowopen Golf GTD
blue metallic / blue. DM 24,900
Mercades 400,55: black merallic/
black leather. DM 85,900
CONVERSIONS TO DOT 2 CONVERSIONS TO DOT & EPA SPECS

INTERCORP EUROPE B.V. 56, Boutensloon, 5615 KT-Eindhoven ICLIAND. Phone: 00 37 (6)40-550055 Telex no: 59231 AUTOKNI **AUTO SHIPPING** 

One Wey F 900 P 1800 P 1750 F 1750 F 1750 F 1450 F 1250 F Resund Tri F19540 F3540 F3540 F3200 F3200 F3270 cand more destinations on the process of the proces

LOW COST FLIGHTS

ACCESS VOYAGES

free evolution send detailed resume to: 600 N. Sepulveda Blvd., Dept. 23-A, Lor Angeles, CA 90049. 99 UNIVERSITY DEGREES / ECI 26,

Pages 22 & 21 FOR MORE CLASSIFIEDS

Norway N.Kr. 1,800 990 540 Portugal Esc. 22,000 12,000 4,600 
 Sport\*
 Plas.
 29,000
 16,000
 8,900

 Sweden\*
 S.Kr.
 1,800
 990
 540

 Switzerland
 S.Fr.
 510
 280
 154
 Rest of Europe, North Africa, former French Africa, Middle East \$ 430 230 125 23-6-87 and rates, please check here and fill in your address. []

Chief Justice Rehnquist was crit-In one meeting with a State De- icized at his confirmation bearings

States had any contingency plan in Last year at this time the chief case aid to the contras were cut off justice had dissented 28 times and and the rebels had to retreat into Justice Brennan 33 times. This term Honduras, according to one Hon- the chief justice bas dissented 28 duran participant. Gilberto Gold- times and Justice Brennan 36 times,

signed about 28 opinions. He wrote only 13 majority opinions last term. This term, be has written 16. Penalty Is Upheld In Bolles Murder WASHINGTON - The U.S. zona Republic. On a 5-4 vote, the justices ruled that Mr. Adamson's protection from double jeopardy was not violated when the state tried him for murder after he reneged on a plea

# or more off your newsstand price when you subscribe for 12 months to the International Herald Tribune.

Take advantage of our special rate for new subscribers and we'll give you one extra month of Tribs free for each six months you subscribe.
Total savings: 40% or more

off the newsstand price in most European countries. Herald Eribune. \_ Centennie.

To: Subscription Manager, International Herald Tribune,

B.Fr. 11,000 4,000 3,300

Dr. 22,000 12,000

EH. 150 82

Line 380,000 210,000 115,000

FL 650 360 198

6,600

181, Avenue Charles-de-Gaulle, 92521 Neuilly Cedex, France. Please enter my subscription for: Special introductory rates for new subscribers. Please dide the reduced subscription prior elected. Valid through December 31, 1997. Country Currency 1 year 6 mos. 3 mos. 6 months (+ I month free) Austria A Sch 4,800 2,600 1,450 ☐ 3 months (+2 weeks free) My check is enclosed. Denmark D.Kr. 2,500 1,400 770 Please charge my: ☐ Access ☐ American Express

Finland\* F.M. 1/30 990 520
France F.F. 1,500 820 450
Germany\* D.M. 980 320 175
Great Britain E. 130 72 40 ☐ Diners Club ☐ Eurocard ☐ Mastercord ☐ Visa Lineambourg LTr. 11,500 6,300 3,400

**KOREA:** Chun Makes Concessions (Continued from Page 1)

might be lifted Monday, but police officers continued to seal off the streets around his house. He said that the harriers were removed briefly Monday to permit a visit by

White reversed the 9th U.S. Circuit

Court of Appeals, which ruled that

Mr. Adamson was improperly put

on trial for his life after he had been

sentenced to 20 years in prison as

part of a plea bargain,

agreement.

a U.S. Embassy official. One difficulty in determining Mr. Chun's intentions is that he has yet to comment publicly himself. leaving the announcement of his

**BEIRUT:** Release Rejected (Continued from Page 1)
freed in the foreseeable future, if at

President Hafez al-Assad of Syria, with 7,000 of his troops de-ployed in the West Beirut area. has sent a senior officer to Beirut to intensify Syrian efforts at freeing the hostages. Brigadier Ghazi Kanaan, chief

soldiers stationed in Lebanon, said that Mr. Assad had taken a special interest in the case. "I am here to find the hostages. the Syrian officer said after a onehour meeting Sunday night with Sheikh Mohammed Hussein Fadlallah, the spiritual leader of the

ty of God. The Beirut news media has said that radicals in Hezbollah seized issued repeated denials.

Iranian-hacked Hezbollah, or Par-

Lebanon's justice minister, Na- special envoy, however, and it is the search for the captives.

plans Monday to Mr. Roh and other ruling party officials. Moreover, important details that could affect the success of any of the overtures

were not made clear. Aides to Kim Young Sam, for example, said they had only read ahout the proposed meeting in the newspapers and had not received an invitation directly from the Blue

House, the presidential residence. It also was uncertain if Mr. Chun would agree to meet with Mr. Kim one on one, as the opposition leader demands, or only as part of a larger group that would include leaders of minor anti-government parties. Perhaps more important,

the most critical issue: what ruling side will say, sometime week, about revising the cons tion to make its provisions for lecting a national leader more d It was this issue that set the in motion, creating a clamor for of intelligence for the 30,000 Syrian resolution not only from the oppo-

> semblymen in the roling party. Mr. Chun seems to be moving toward a decision that in effect would overturn his order on April 13 to suspend discussion of constitutional change until after the 1988 Seoul Olympics. But nothing was

the three men, but Hezbollah has Asian and Pacific Affairs, was due to arrive in Seoul on Tuesday, but Brigadier Kanaan declined to U.S. officials insisted that Mr. Sicomment when reporters asked gur "doesn't have a message to how he planned to free the hostages bring. if their captors did not agree to free His visit is being treated by KoEMPLOYMENT

DOMESTIC POSITIONS AVAILABLE AMERICAN FAMILLY. Spending holi-days Cote of Azur need ou poir 18-25 years. July only. Frefer Austrian or rish remonely. Energent and mon-varied to look offer 2 boys, 4 and 5 years. Jeh Forz 45 04 67 67.

INTERNATIONAL CLASSIFIED

MATURE, CONGENIAL, well-educed doly residing in Paris with valid work permit desires light housekeeping + cooling position with elderly person, Experienced, good references Fluent English, some French, Available immedialely. Box 4790, Herald Tribune, 92521 Neurlly Cedex, France. AUTOMOBILES PLOTY FREE '87 SAAR TURSO 16V 9,000 miles, USA specification, Leather, air conditioning, fully loaded. Free shapment to USA. Call Andreas, Lon don 367 9703.

Fox free sales - shipping - insurance. We stock over 300 brand new cors. European - lapanse - American, Very competitive prices - fast delivery. Send for free multicolar catalogue.

TRANSCON.V., 95 NOORDEAAN, 2020. ANTHARES BE 2011.

SPECIAL SUMMER PRICES Son Fro

(Continued from Back Page)

### ARTS/LEISURE

# Kassel's Disappointing 'Documenta'

By David Galloway

K ASSEL. West Germany — Located within pea-shooting distance of the East German border, this seems an improbable destination for the cultural pilgrim. A disgruntled Australian journalist once de-scribed Kassel as "a dead-end little city, drowning in the agricultural riches of the German outback." Nonetheless, an estimated 500,000 visitors are expected to find their inconvenient way here in the next three

Few will have the Brothers Grimm Museum as their goal, and fewer still the nation's only wallpaper museum or the bizarre wood museum. Those are year-round attractions, hut the mammoth art spectacular called Do-cumenta is staged only twice a decade. In its eighth incarnation, the world's largest show of contemporary art features nearly 200 participants. This time, painting and sculpure are complemented by architecture, design, electronic music and video.

Sculptures and installations are scattered throughout the city, but the real nucleus of Documenta & is found in two historic buildings: the Museum Fridericianum and the Orangerie. The former witnessed the birth of Documenta in 1955, as an attempt to close that dominated Documenta 7. Yet it includes Documenta in 1955, as an attempt to close the modernist gap the Nazis had left behind. Though severe wartime damages were only the stone monoliths of Ulrich Rücknem, temporarily repaired, the Fridericianum which seem conspicuously remote from any socializing tendency. History is painfully present, on the other hand, in the dubious printing assemblages of Robert Morris—

are better informed, harder to shock, and The relevance to s

washing plant for a local brewery. In erecting temporary walls within this cheerless shell, the outraged architect for Documenta 8 turned the entire installation three degrees on its axis. Passing from one room to another, visitors thus have unexpected glimpses of the hack-stage horrors.

By ripping out the massive central staircase, the renovators deprived the Frideri-cianum of any architectural logic. The upper stories are reached via a series of side staircases that often end in hlank walls. As though willfully collaborating with this Mad Hatter principle, the director of Documenta 8 has selected a theme that even his most ardent supporters are hard-pressed to clari-fy. "Art," said Manfred Schneckenburger, "has found a new relationship to history and

Theoretically, at least, Documenta 8 should demonstrate that thesis. In doing so, it understandably excludes the gestural. the lyric abstractions of Gerhard Richter and ainting-assemblages of Robert Morris — Jent the early Documentas a dynamic that can hardly be accommonded a dynamic that

want to take art marathons in stride. The Fridericisnum, too, reflects the changing who have adapted the form-language and times. The recent and radical renovations have produced a warren of concrete halls and cubicles that would better serve as the bottle-washing plant for a local brewery. In erecting but to take art marathons in stride. The recent and radical renovations who have adapted the form-language and artist who commands this virtuoso mastery of craft. Even Nam June Paik, who presents a superb video homage to Joseph Beuys, seems quaintly old-fashioned in comparison. Beuys's provocative posturings might have ter nasty political strife with the Documenta direction.) Such achievements are paralleled, in turn, by the triumph of aesthetics over

> Nonetheless, there are refreshing discovers to be made, and most of those in the form sphere, bers is a world of absolute authority spare, poetic, provocative.

Similar qualities distinguish the work of Belgian artist Marie-Jo LaFontaine. She has And on the lawn beside the local music erected a wall of 27 television sets that sug-school. Keith Haring's familiar mutt howls gests a railway trestle or, perhaps, a trium- at the sky. It is the graffiti artist's first major phal arch. The video film that plays over this venture into sculpture. monumental field shows hody builders straining toward physical perfection. These are not muscle-bound hulks but the clearbrowed youths of Aryan fantasies, as they might have been dreamed by Hitler's favorite director, Leni Riefenstahl.

LaFontaine works exclusively in black and white, but achieves with it a depth and The relevance to society is perhaps best richness approached only by the best vintage based in West Germany.

Benys's provocative posturings might have lent this exhibition the cutting edge it lacks. Yet the great shaman is not entirely absent. In addition to Paik's tribute, there is an functionalism in post-modern architecture.
The decision to include architects like Hans
Hollein and Arata Isozaki was surely correct,
but their presentation manages to muddy
then it elarifies.

Impressive Carrier installation, "Lighttung with Stag in its Glare." Furthermore, Documenta 8 was opened with the planting of the last of 7,000 oak trees that the artist began as

If plucking the raisins from Kassel's indifof video or electronic installations. The ferent fruitcake is insufficient reason for vis-American Jenny Holzer has produced a mauiting Germany's frontier outpost, a stop in soleum-like setting: a pair of granite slahs Münster more than compensates, to visit its bearing the same "home truths" that run open-air sculprure festival. Fifty internation-over digitalized light-boards mounted verti- al artists have selected their own sites and cally on the wall. Despite the funereal atmo- planted their own fantasies within the city.

> Richard Serra's work has never looked more eloquent or persuasive than ir does before the baroque palace of Erbdrostenhol.

Wandering in the city, map in band, or renting a bicycle to see the artistic sites. visitors can regain the sense of discovery that was once synonymous with Documenta.

"Documenta 8," until Sept. 20, "Sculpture
Projects Minster," until Oct. 4.

David Galloway is a writer and professo

Serra's "Trunk," eloquent at the Munster sculpture festival.

sales Charvet

In Zurich, vour preferred choice is the

Dolder **Grand Hotel** 

superior deluxe hotel, the Dolder Grand is located in a quiet residential area, a few minutes away from the city center via free cog railway. Many accommodations offer spectacular views of Zurich. lake and mountains.

PREFERRED TOTELS

United States, Canada, Caribbean, Europe and Far East For reservations call your travel planner or: France (1) 42-27-00-07,

Frankfurt (069) 23-03-04, London (1) 409-0814, Stockholm (08) 21-75-25, Switzerland 046-05-45-45, Sydney (02) 358-5011 or toll-free (008) 222-112, Tokyo (03) 276-8118.

# Cantonese Opera, Caught **Between Past and Future**

By Nicholas D. Kristof

New York Times Service
HONG KONG — A lithe 72year-old who still exults in his back flips, Sun Martsai is the lord of Cantonese opera, An energetic man whose hands flutter through the air as he speaks, Sun packs theaters with his fans, who are often so overwhelmed with his grace and singing that they throw rings and necklaces and money upon the stage after a performance. His dominance of Cantonese opera makes Pavaroni seem like a flash in

Not everyone is so impressed, however. His 9-year-old daughter confesses that she does not like Cantonese opera. She prefers Alan Tam, the Hong Kong pop singer, whose melodies resemble rock songs everywhere. She likes Cantonese opera, she likes it," said the father. "I don't like it, I don't like

it," said the daughter. Cantonese opera, and indeed for nure. Its heyday, in fact, came durtraditional arts such as opera or the 1950s. At a government-subsicalligraphy, which flowered with

### DOONESBURY



THE WARDEN HERE IS CONCERNED ABOUT THE GENERAL LACK OF CON-TRITION AMONG THE NEWER INMATES IMHERETOHELP REHABILITATE YOUR YOURES, TO HELP YOU REGAIN YOUR GRIPON YOUR MOR





one of the world's greatest civiliza- traditional purity, or to make opera denim-clad Chinese, seduced by Western songs, films and way of

era may be a musical experience rivaled only by a classroom of sectheir fingernails on a hlackboard. Yet, if the singing is an acquired taste, the grace and subtlety of movement impress even the most callow observer.

Like its northern cousin, Peking raphy. The movement and makeup in Cantonese opera, however, often seem more natural than those of Peking opera. And Peking opera is performed in Mandarin Chinese instead of the Cantonese dialect spoken in Hong Kong.

Older people in Hong Kong still And therein lies the challenge for as the hulwark of traditional culmuch of Chinese culture: How can ing this century, from the 1920s to dized performance this month in a Hong Kong gymnasium, operagoers, many of whom could remember foot binding and Imperial China, began lining up more than an

filled every nouk of the auditorium. Young people don't like to see Cantonese opera; that's left to old hags like us," said Sin Ngankwan, a tiny 84-year-old woman with hol-low eyes and memories of the operas she saw as a girl growing up in Guangzhou, as Canton is now

sleeve, every tint in the painted the hand means that the actor is foot during the performance. riding a horse; a red face suggests righteousness and a white face,

tions, attract today's generation of more accessible by modifying it. In essence it is the same question that Western culture faces: Should Shakespeare be translated into a To a foreign ear, Cantonese op-modern idiom, or, can an Italian opera be performed in English? Without adaptation, traditional ond-grade maestros scratching cultural achievements - such as Tang Dynasty poetry in China or Ovid's Metamorphoses in the West - tend to wither in influence.

The quandary may be particularly acute in the Chinese world, where conformity to artistic tradiopera, Cantonese opera combines a libretto that borders on poetry with magnificent costumes and choreogworks of their masters over and

In the United States, it sometimes seems as if every 25-year-old director feels obliged to interpret Sophocles in a radically new way, often a tribute more to imagination than to judgment. In the Chinese world, on the other hand, the artist feels obliged to follow his elders.

Cantonese opera, which dates from the first half of the 18th century, has changed in some ways. Early in this century many libretti were written in colloquial language. Western instruments are sometimes found in the orchestras. Sets. are more elaborate, and microphones are common. "It is good to change, to keep good elements while allowing others to die out," said Leung Puikam, an expert on Chinese opera at the Chinese Uni-

versity of Hong Kong. Cantonese opera originated with in the Chinese world are pop sing-troupes who wandered from village ets like Alan Tam and Anita Mui, to village, performing in the streets Young people spurn Cantonese or in teahouses. Even today, Canopera partly because of its com- tonese opera is more the Oriental plexity and subtlery — which, to others, are its virtues. Every gesture, every swish of a long white sleeve, every tint in the painted which the Chinese wear old clothes martial arts expert who is Hong was most eligible bachelor. Cantonese opera huffs scoff at the crooners, just as devotees of Barrók faces conveys meaning. A whip in and perhaps gnaw on a chicken or Brahms may be put off hy by

Western opera connotes sophis- sand. tication, so people might feign en-thusiasm even if they do not feel it. Therefore the dilemma for Can- But the folding chairs, constant tonese opera is whether to maintain chatter and discarded chicken



Every tint in the make-up conveys meaning

bones in the audience of Cantonese opera suggest to some young posple a legacy that is more embarrassthan inspiring.

Today the greatest cultural stars whose rock music is based on Western and Japanese styles; or celluloid hearthrobs like Jackie Chan, a Bruce Springsteen or Barbra Strei-

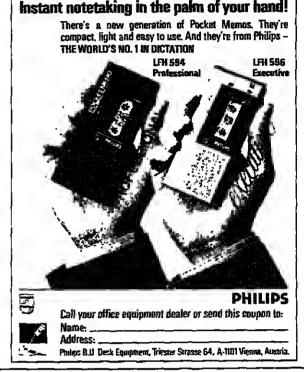
to have been a modest revival in the modern themes and everyday peoperformances in the New Territories section of Hong Kong, up from of Cantonese opera sometimes re-15,000 a year earlier. A few new gard it as only a sidelight, troupes have also been organized. Tin Kitwan, a 25-year-old womtroupes have also been organized.

ernments. study Cantonese opera, there are Only part time. no sweeping attempts to reinterpret the medium. Few new libretti are

For all of the obstacles facing written today, and no Arthur Cantonese opera, there does seem Miller has appeared to substitute last few years. Last year, for example for the old folk tales, kings and ple, some 22,000 people attended generals that usually dominate the operas. Even the younger students

But even opera singers say that the an who has been studying Cantonprincipal reason for the revival is ese opera for three years, said that increased support from local govthese days to attract her as a career, While some young performers so she will pursue Cantonese opera

"I want to be a star," "but a part-time star."





### Pyramid Corridor Find

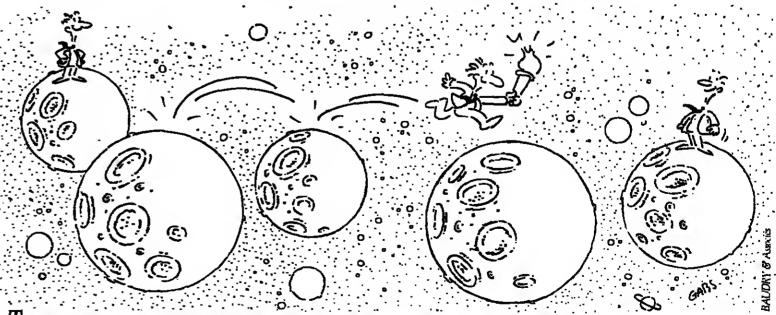
AIRO - Japanese researchers may have found part of a corridor leading to the queen's funerary chamber in the Cheops pyramid, the semi-official Al Ahram daily said on Monday. Al Ahram quoted the head of the Egyptian Antiquities Office, Ahmed Kadri, as saying that the discovery was made by a team from Tokyo's Waseda University, and had revealed the existence of a cavity near the queen's funerary chamber.

The researchers used an electro-magnetic device to sound the depth of the pyramid as far as 10 meters (33 feet) deep. A more sophisticated device capable of sounding the depth of the pyramid as far as 100 meters was needed to confirm the finding.

Kadri added that Egyptian scientists would meet with officials of the Ministry of Scientific Research to discuss the future of these findings "considering the importance they represented."



Matra spends more time on research so you'll have more time. And more space.



I her come from every sphere of research and industry. They are the Matra engineers. In fess than 25 years, they've taken space from the age of Jules Verne to the age of reason. To an age of investment. A time to build.

Thanks to them, the countries of Europe have participated in the most fruitful adventures of the past decade. Ariane, Spacelab, Spot, Telecom, Meteosat, Hipparcos... Thanks to them, a firm like Matra is making its influence felt in every realm of the space

And if today Europe can boast competitive launchers and viable satellites, the men at Matra, each in his own field, can count themselves proud.

Even in their offices, they are in outer space. With their part-

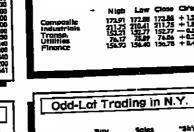
ners from Europe, the United States, Australia, China, Japan... they are perfecting the orbiting space stations of tomorrow. Designing systems ahead of their time. Studying the behavior of men in space. Developing new technologies.

Responsible for 30 French and international programs, they are efoing gain time through research. Time, and space. That's what you will discover tomorrow, when you too start working with us. The men and women at Matra Espace lead strange lives : they

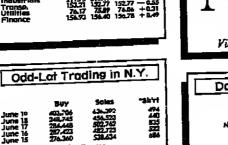
never stop exploring. And the more they find, the more they try to find. You would think they had set out to defy the laws of gravity. For you, and for your projects, this research-oriented state of mind brings an immediate benefit. It means going fast. Going far.

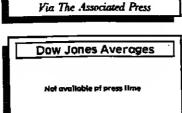
MATRA ESPACE

Together we'll make space ours.



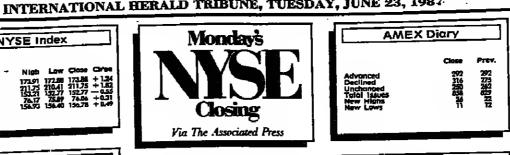
NYSE Index



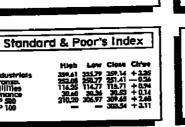


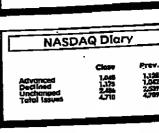
Tables include the nationwide prices up to the closing on Wall Street and do not reflect late trades else

Mondays



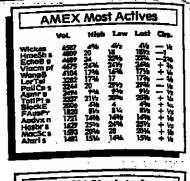
4374 81/6 271/6 437/6 257/6 161/2 911/4





NASDAQ Index

Week A84 451.06 513.18 402.77 391.32 180.36 402.47



AMEX Stock index Closes 339,85

NEW NEW NEW NEW NEW

The Australian Nugget is the new way to invest in man's oldest - and surest - store

to invest in man's oldest - and surest - store of financial wealth.

Four uniquely different, 0.9999 fine gold builion coins, minted and guaranteed by the Government of Australia.

1 oz, 1/2 oz, 1/4 oz, 1/10 oz Australian Nuggets are now available at most banks and gold builion dealers.

Ask your bank or broker today or write to:
GCLD INFORMATION CENTER NH 8
B.P. 351 · CH · 1211 Genera 3 · Switzerland.
Please send me complete information
Australian Nuggets, I am particularly interes

Trade Information - II Private Investor Inform

24

NUGGET

17 Month
High Law Stock Div. Yid. PE 100s High Law Gust. Ch'ee

AHIIP 7 228 13
AHIIST PILST 334 33 16
AHIIST PILST 334 33 16
AMPRIS 324 33 16
AMPRIS 5 45 14
AMI 72 19114
AMONT PL 277 14
AMON

Cp#1.87 59

# Dow at Record as Buyers Return

Stock Exchange continued their advance Mon-monetary policy. Stock Exchange continued then advance two day as buyers returned to equities after two weeks of hesitation, sending the blue-chip Dow weeks of hesitation, sending the blue-chip Dow come back up." he said. Jones industrial average deeper into record ter-

Jones industrial average deeper into record territory.

The Dow average, which rose 43.12 points last week, climbed another 24.66 points Mooday to finish at 2,445.51, its fourth record close in the last first trading sessions. Advancing in the last five trading sessions. Advancing issues led declines by 8-7.

issues led declines by 8-7.

Broad-market indexes also hit new highs. The New York Stock Exchange composite index gained 1.24 to 173.77, surpassing its old mark of 172.53, set Friday. Standard & Poor's 500-stock index added 3.68 to 309.65. Its old high of 306.97 also was set Friday. The price of an average share jumped 30 cents.

Average share jumped 30 cents.

Volume amounted to about 178.21 million sbares, down from 220.48 million Friday. Most analysts and traders said they expected the market to move higher at least through the next two weeks as investors that bung back during the Venice economic summit meeting earlier this mooth and in the week leading up to the "triple-witching hour" Friday return to the

market. Monte Gordon, research director of Dreyfus Corp., said that Monday's strong showing coninued trend of the last 10 days.

"The interesting thing now is the awareness of the strength that is in there," Mr. Gordon

"The key is a sense of stability." he said.
"There's a sense that the dollar is stable. There's

SIs. Close 100s High Low Qual. Ch'92

77 W

Vinted Press International no indication that interest rates are going to NEW YORK — Prices on the New York jump or that there's going to be any change in "It was those fears that caused the market to

market before the second quarter ends next Tuesday.

But investors "don't want to be overly aggressive," Mr. Doran said. "If the market goes up, they want to buy, but if it starts to retreat, they want to scale back their orders. There's just a top of cash out there that has to be put to work, not only by the end of the second quarter, but for the rest of the year as well."

AT&T was the most active NYSE-listed issue, down is to 281/2.

It was followed by ACCO World, which jumped 4% to 28% on news that it would be acquired by American Brands for \$29 a share. Dayton Hudson was third, falling 2% to 53%.

Gillette fell ½ to 39¼ in active trading. Gillette has rejected a \$4.6 billion takeover bid from Revion Group.

The American Stock Exchange index fell 0.85 to 339.05. Declines led advances 31-29, and the price of an average share lost 4 cents. Volume was 12.11 million, down from 14.71 million

29% 20% DCNY s .10i 20% 21% DPL 208 16% 12% DDILS 46 21% 11% DemonC 20 48% 25% DenoCo 1.36

DIV. YILL PE 42% 42% — 86 7% 7% — 95 39% 28% — 16 42% 43% + 19 25% 25% — 95 16% 16% + 16 30% 30% + 16 14 16% + 16 14 16% + 16 90% 91% + 116 48 180 180 241671975182218221827413722466 6 8 287768377122282735333 

.00 2.6 6759 1.46e 9.5 27 58 1.98 8.4 10 36 1.68 8.4 10 36 1.272e 10.2 12 131 1.280 6.5 18 39 1.00 1.7 17 6507 1.00 1.7 17 6507

| Column | C 

1314 JP Ind 15 JWP s 2444 JWT 23 JRIVER DI 1014 JORNA'S 1294 JORNA'S 2874 JEFC PI 2774 JEFC PI 2474 JINCR NI 2474 JINCR NI 2474 JORGEN 24 1.00 3.8 .48 2.2 21 1.00e 3.1

| 1316 | KD| | 30 | 12 | 19 | 20 | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 16% | 1 1916 1346 KUM
2874 1776 KUM
2874 1776 KUM
2874 1776 KUM
1274 KUM
1274 KUM
1274 KUM
1274 KUM
1274 1276 KUM
12774 KUM
12774 1276 KUM
12774 KUM
12774

17% 17% MACDM 26 L7 1
17% 10% MACDM 26 L7 1
17% 10% MAIDF 48 LA 2
17% 27% MCA 48 LA 2
17% 27% MCA 48 LA 2
17% 27% MCA 1 L8 3 L4
17% 27% MOU 1A2 65 14
17% MOU 1A2 65 14
17% MOU 1A2 65 14
17% MACD 1A2 65 15
17% MACD 1A2 65 1

| The content of the 197331402319055 51525 42103 19744040 1174574 11754 117 26/4 APPW pf
28/4 APW pf
28/4 AP 

8 HQ Hlf n
27% HRE
11% H9IIFB
17% H9IIFB
17% Hother
16% Hother
17% Hother
18 Hother 

# TechnologyQuarterly Issue No. 1

### DEPARTMENTS

Research

New York to Tokyo in three hours? More than fantasy, that is what aerospace experts here planning with the superfast hypersonic planes of the future.

### Developments 12

In a thermonuclear war, detection of noise In a thermonuclear war, detection of noise produced by the propeller of a single missile submarine could prevent the destruction of scores of cities. That's why a recent sale of Japanese technology to Moscow has helped sour U.S.-Japanese relations. The details.

### Workplace

For Sweden's highly innovative automobile industry, the manufacturing system of the future will be built on a lesson from the past: the human factor is the key to performance.

#### At Home

Just when you thought you had the very latest in audio-video equipment, you're hopelessly out of date. The latest must-have product: compact disc video.

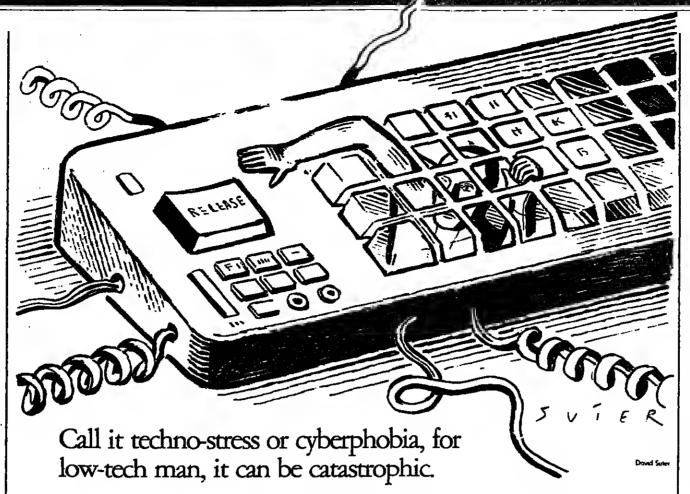
### Interview

To most mortals, the limits of space are as short as the imagination. To Patrick Baudry, a French astronaut, the concept of conquering space is as long as several millenia and defined only by the limits of the human mind



Electricing intelligence from NEO lots and improved quality. And the real people get to take up more challenging jobs. production, lower energy costs and improved quality. And the real people get to take up more challenging jobs.

Down to Earth: Patrick Baudry



# As the Dream Machines Arrive, So Do the Neural Nightmares

An Essay

By Curt Suplee

E HAVE SEEN the future and it hurts. Thanks to the high-tech explosion, we are suddenly up to our nose cones in alarm watches, car phones, beeper pagers, totable TVs, automated teller machines, talking cameras, speed-grub vendors, electronic mail, microwave chow-blasters and computers.

No wonder we are twitching like lab rats. Our offices are now "open architecture" caverns bristling with "privacy" panels; the venerable desk a "workstation"; the principal tool a video display terminal. Everything that isn't beeping is getting ready to boot, bong or buzz. Everything that isn't running too fast is either broken or out of date.

The net result is a neural nightmare. Call it techno-stress or the private of the private

cyberphobia, for poor low-tech man, an amiable hominid still getting used to walking erect, the strain can be catastrophic.

It wasn't supposed to happen that way, Back in the optimistic 1950s, when the phrase "labor-saving device" was uttered in tones of grateful reverence, it was assumed that our pullulating technological progress would produce a self-defrosting nirvana of unprecedented

What we got instead was a sort of historical bait-and-switch: In place of a gizmo paradise of "spare" time, we found ourselves forced to cram more events into the same interval at the behest of high-speed machines that are increasingly incomprehensible.

Which may explain why you are having trouble concentrating these days. The combination of more and briefer events arriving at ever-diminished intervals constitutes a wast behavior modification proi intervals

gram, making the threat of shortened atten-tion span a self-fulfilling prophecy.

According to a University of California Los

Angeles research team, concentration suffers most in tasks where people are required to interpret new events by comparing them to events in short-term memory, and where new events occur rapidly. Time pressure com-pounds the problem. Hence the agonies of air traffic controllers.

And yet that is also a fairly accurate description of modern life. You are flipping between programs on your PC when the phone rings - a voice-synthesizer solicitation for radar detectors. But you are interrupted by the call-waiting tone. It's your doctor calling from his car phone with the results of your CAT scan. Your blood pressure hits max just as your pager begins to bleep.

Up to a point, stress works to our advantage, generating brain chemicals such as dopamine and norepinephrine which enhance our attention capabilities. But when the input is too great, the system crashes. And bere in the silicon decade, says Dr. Mardi J. Horowitz, director of the Center for the Study of Neuroses at the University of California San Francisco, we may be approaching overload.

When a person is presented with a stimulus, especially one that is jangling in some way, a series of conceptual and emotional processes are set in motion," be said, at both the conscious and unconscious levels in "multiple channels of consideration." But when the next jangle comes too soon, the flow is blocked.

Continued on page 10

# Live-in-Bed Research Prepares Spacemen For Flight to Mars

Experiment simulates long-term exposure to weightlessness.



By Kathy Sawyer

ASHINGTON — At a special facility in Moscow, a dozen healthy volunteers have just completed one year of tying down - and in fact living - in bed at a 6-

In the United States and France, other groups of volunteers have endured the same conditions for much shorter periods, ranging from a week to three or four months.

These volunteers are guinea pigs in a most difficult, and increasingly crucial, area of space research; How do people stay healthy and able to function for long periods in the unnatural weightless environment of space?

The search for answers to this question is intensifying, spurred by increased international interest in a manned mission to Mars, a voyage that will require humans to function in space for eight months in transit each way and, between, on the surface of Mars. Soviet officials have indicated that they

intend to carry out such a mission early in the next century. In the United States, the independent National Commission on Space has recommended a manned Mars flight by the year 2015 and the government, although uncommitted, has stepped up its research.
While the technical challenges are formi-

dable, there are also considerable physiological stumbling blocks. After millions of years of adaptation to gravity, the human body in the weightless state quickly develops a number of problems, according to researchers.

The body starts to get rid of fluids; the heart starts pumping 15 percent less blood and so must beat faster to keep up; the muscles, no longer resisting gravity, begin to atrophy, and the bones start to lose calcium almost immediately. In addition, half of all space flyers develop motion sickness for up to four days at the beginning of a flight, a condition that may return toward the end or even after the flight is over.

"We know the major physiological changes that take place over two to four weeks, but we do not understand the mechanisms underlying all these changes," said John Billingham, chief of the life science division at the National Aeronautics and Space Administration's Ames Research Center in California.

"And the key thing is that we do not know the extent to which these changes will continue to progress over longer and longer periods

Reproducing the effects of weightlessness on the ground is difficult, he said. "The only effective way we have of doing so for long periods is to put people in the horizontal

Researchers around the world have adopted the 6-degree, head-down slant as the best way to simulate many of the effects of weightlessness on the body, he said. The position is maintained using methods developed for chronically ill hospital patients, with the aid of a nursing staff. Volunteers are allowed to prop themselves up on one elbow to eat. They shower in bed using hand-held nozzles, and they use bedpans, Mr. Bil-lingham said, If they exercise, they do pushing or bicycling workouts in the prone posi-

Ames has conducted studies of up to a month, he said, and a bed rest program at NASA's Johnson Space Center in Houston

Continued on page 11

#### To Our Readers

WITH this first issue of TechnologyQuarterly, the International Herald Tribune expands its coverage of the world of high technology.

Four times a year, in June, Septemher, December and March, TechnologyQuarterly will report on research, trends and developments — from bome electronics to robotics, exotic new materials and beyond.

In this issue, we explore man's (and woman's) ability to adapt to technology, at bome, in the workplace and on the way to Mars.

On Sept. 22: The next issue of TechnologyQuarterly will report on integrated systems for global manufacturing, computer applications in the art world, the new car models and

# The electronic factory: teaching machines to like one another.



**Innovative** technology from **AEG. Here's more:** 

We currently have, under test, an automatic speech recognition system which will turn computers into "listeners" as well as "thinkers". Future generalions of computers will take direction from the human voice, not the keyboard. The result? Simplified interaction between human and machine, and expansion of computer applications.

AEG has already brought to market stoves which nological wonders are induction stoves which collect heat in the pot rather than the cooking surface. The stove turns itself off when the pot is removed or emplied. The result? Greater satety and appreciable energy savings.

AEG software engineers have developed a CAD (computer aided design) software package that itself is capable of designing the circuitry and wiring plans for a huge factory. This unique program can do little jobs, too. Speed and accuracy in this type of work means big savings.

AEG

### **Technology** Essay

# As the Dream Machines Arrive, the Neural Nightmares Get Worse

Continued from page 9

"Some experiences are bumped out of the storage line. Some just remain because they are important and stressful, but they remain in an incomplete mode of processing," be added.

In time, he said, "people have larger and larger loads of unfinished business. When this gets too great, it begins to affect their subjective experience, interrupting concentration with intrusive images, their sleep with anxious wakefulness or troubled dreams, and their capacity to love and enjoy experience with an impatient restlessness to go on superficially to still-the next thing."

We can't even cool down with our so-called leisure time consumables, since managing today's mega-tech chattels is itself a full-time job. Want music? You'll have to brave a multimodular stack of controls resembling the command deck at a nuclear power station - and understand scanning FM multiplexers, CD laser-readers, Dolby damping filters, supertweeters and subwoolers.

Video? A living bell. The single most prevalent neurosis in middle-class life is "hook-up hysteria" caused by VCR machines: Everybody buys one, but nobody can install them. We use computerized hydraulic exercise ma-

chines that look like something out of Torquemada's back room; a Krups coffeemaker has a timer program you could use to run a NASA launch. In fact, the superfluity of choices is itself a major source of anxiety. Your ordinary clothes washer has several dozen option combinations; cable TV carries 72 channels; and by the time you've set the controls on that "relaxing" white-noise generator, you're too

frenzied to listen. Worse yet, devices that were once largely self-explanatory are now impenetrably baf-fling. Car dasbboards look like an aerial view of Las Vegas at night. And woe to the yeoman who opens the hood. Gone is the familiar air cleaner, the venerable carburetor itself - replaced by a hydraulico-demonic tangle of injector hoses and turbo-tech that only an abdominal surgeon could love. Ditto for so many of the intuitively comprehensible gizmos of

"Any child of 50 years ago," writes Bernard Dixon, a microbiologist, in the journal of the New York Academy of Sciences, "looking inside a bousehold clock, with its escapement and weights or spring, could see in a few minutes how it worked. A child of today peering at a digital wateb can learn nothing." Consequently, be warns, we are developing a "black box" mentality - "an unease born of

Nowhere is this more evident than in the very real neurophysiological strains of the modern workplace.

Several years ago, the National Institute for Occupational Safety and Health began to include psychological disorders on its list of leading work-related illnesses and has set a high priority on stress-reduction in U.S. offices. Among the top debilitators are clerical work involving computers and video display terminals (VDTs), which, the institute found, produced a higher level of tension than air traffic control.

A new study from IBM's Watson Research Center shows that people still read faster and more accurately from paper than they can from virtually all computer monitors now in use. To achieve equal performance, IBM's research shows, users need CRTs with roughly twice the resolution now generally available. But don't count on a new screen this year.

Even at user-friendly AT&T, a company consultant conceded at a recent symposium, "it is difficult - of ten impossible - to reverse prior [production] decisions on the basis of human actors considerations."

Meanwhile, modular office designs and pri-

the suspicion that events have actually moved beyond our power to affect or even to compressocial byplay, and because the technology favors discrete-task equipment run by special-ists, workers get less variety and more machine-paced repetition. Thus, writes Philip Kraft in Computerworld, the "office of the future is no more than an attempt to make the office of the present look like the factory of the

> ERE that not enough, the beleaguered document-jockey is now beset by the most relentless surveillance in the history of corporate snoopery. Thanks to cybernetic oversight. management can easily meter the precise number of minutes an employee works, tally breaks down to the millisecond, count outgoing phone calls and obtain an immediate readout of a worker's productivity compared to that of his

Word-processing software can monitor how many keystrokes an operator expends on a given document and track the amount of time spent on revision. And several U.S. companies are now using programs that display selected messages on workers' computer screens, from pop-up "flash card" reminders to flickering subliminal suggestions that last only 1100th of a second.

It is no surprise, then, that in the United

States workmen's compensation claims based on job stress have more than doubled since 1980 and now account for about 15 percent of all occupational disease claims. A 1985 University of Georgia study of workers in 18 public and private sector organizations found that 45 account of the control of the co that 45 percent suffered from some form of psychological burnout.

Recent surveys by the National Association of Manufacturers indicated that the highest stress ratings derived from lack of appreciation, job instability, social isolation at work and ambiguous job descriptions.

All this at a time when more is being asked

of workers every year. "The more sophisticated we make our factories," said John Clancy, president of McDonnell Douglas Manufacturing Systems Co., "the more dependent we become on the sophistication of people who run them."

Too bad. When it comes to scientific literacy, the average American ranks only slightly above gerbils. In a national survey conducted in late 1985, the National Science Foundation discovered that just 31 percent of U.S. adults comprehend radiation, 24 percent understand what software is and barely 20 percent think they know how a telephone operates. But don't

The study also found that 40 percent believe

alien spaceships have visited Earth and that there are such things as lucky numbers. The ratings are still lower for those aged 18 to 24, on whom the future of the U.S. economy will

of the techno-spew doesn't change, perhaps we will. Since World War II, reports the February issue of the Human Factors Society Bulle. "research literature has shown that as people's conceptual complexity increases, they become less authoritarian, more open-minded have less need for structure and rigid rules. have greater tolerance for ambiguity and become more effective group problem solvers and decision-makers. This tends to be reflected in a dynamic, rather than static, view of the world, in more openness to change, and in a different set of attitudes towards work and organizational structures."

We'll need it. After three years of study, Active Office Systems, a U.S. research firm, has determined that workers are most productive, healthy and alert if they do their VDT work while walking on an electric treadmill.
Whether the idea takes off remains to be seen. But it's a metaphor for our time.

CURT SUPLEE is an editor for the Outloo section of The Washington Post.

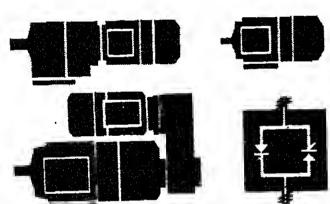
phorking

......

# **MANNESMANN** DEMAG

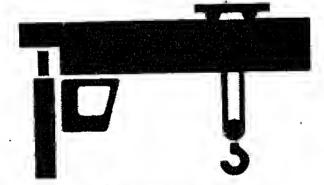
Innovative and technically leading

# Machinery, Plant, and Systems



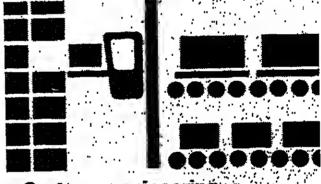
**Material handling components** 

Electric motors, control systems, hoists and travel units, control pendants, busbar



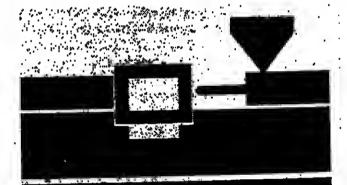
Cranes and handling equipment

Cranes, load handling attachments, storage and retrieval machines, handling systems, controls



### Systems engineering

Storage, order-picking and material transport systems, planning and implementation of integrated material handling installations



Equipment for the most exacting

at the top end of the technology market. This makes us partners with all those who are investing today to ensure that they will still have the

competitive edge tomorrow.

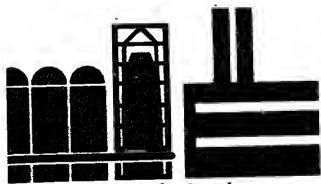
mannesmann technology (XX)

Mannesmann Demag AG Postfach 100141, D-4100 Duisburg 1

demands. Worldwide. A challenge and commitment we accept. Innovation is our answer. Our position:

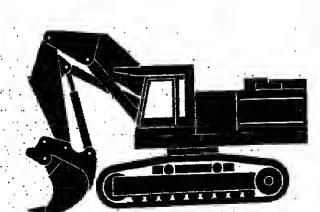
Plastics machinery

Machines and integrated injection meulding systems



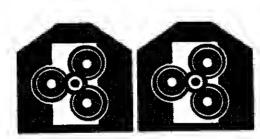
Metallurgical plant and equipment

integrated works, blast furnaces, steelmaking shops, secondary steel-making equipment, continuous steel casting machines, electrometallurgical facilities



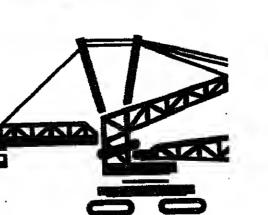
Construction equipment

Hydraulic excavators, cable-operated hydraulic excavators, pavers, side finishers



Tube and pipemaking facilities

Plant and machinery for the production of seamless and welded tubes and pipes and hydraulic presses



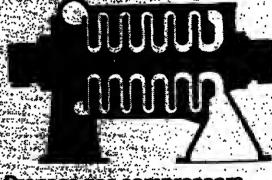
Mining engineering

Open-cast mining equipment, bulk handling equipment, large hydraulic excavators, tunnel-heading and shaft drilling machines, shaft winding systems



Rolling mill engineering

Rolling mills for sections, beams, rod, strip. plate and sheet, and strip processing lines

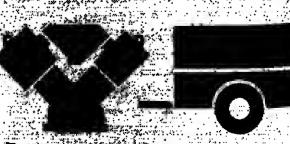


Process gas compressors Pynamic or positive displacement machines for air or industrial gas compres-sion, and vacuum pumps



**Mobile cranes** 

Lattice-boom and telescopic cranes, pneumatic tyre- or crawler-mounted; harbour cranes, industrial yard cranes



Pneumatic equipment

Compressors, equipment and components for the construction and manufacturing industries







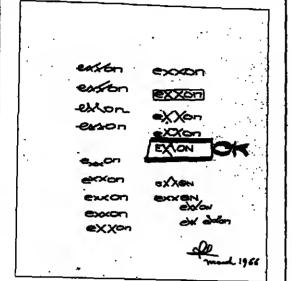
4.5

### **TechnologyResearch**

# The Loewy Look

Technology in the post-war era inevitably carries the stamp of Raymond Loewy, the late designer who changed the face of products from Coca-Cola dispensers and toasters to television sets and cars and set the pace for industrial design from the '50s onward. On Saturday and Sunday, more than 300 of Loewy's drawings, water-colors, projects, models and manuscripts were sold to the highest bidders at an auction in Rambouillet, France.

A signed gouache of Air Force One, designed in collaboration with President John F. Kennedy, brought 51,000 francs, the highest price at the auction. A sheet of eighteen felt-tipped doodles that resulted in the Exxon logo sold for 3,500 francs. (IHT)



### **Networking Fees**

The Federal Communications Commission is proposing that companies offering online data-transmission services through local telephone loops in the United States—for example, Compuserve, The Source, Quantum-Link, Telenet and Tymnet—should pay a special access fee" to hook up to the phone network. These access charges could run to \$5 an hour per user.

The commission makes voice-communications companies such as MCI and Sprint pay an access fee to hook up to local phone lines. Data-communications companies had thus far been exempt from such charges.

"The FCC believes that everybody who uses a local exchange for interstate service should help pay for it with an access charge," said Ruth Milkman of the FCC.

"Everybody who uses the network should have to pay." The proposal, which may become law next year, exempts the largest private data networks, those run by companies such as Ford Motor and Boeing Aerospace. Though these networks are ostensibly private, they are often linked to local telephone loops through the company's switchboards. (WP)

### Airless Spare

For a motorist with a flat tire, few experiences are as dismaying as the discov-cry of a deflated spare. Enter researchers at the Uniroyal Goodrich Tire Co. who are developing what they believe is a workable airless spare.

The new Uniroyal Goodrich spare tire is made of polyurethane, a synthetic rubber polymer used as foam in mattresses and in more rigid forms as automobil bumpers and skateboards. Unlike conventional rubber spare

tires, the polyurethane tire is non-pneumatic - that is, it is not filled with compressed air. General Motors hopes to include them as standard

equipment in all new cars as soon as approval is granted by the National Highway Traffic Safety Administration, perhaps in a couple of years. (NYT)

### **New Ventures**

In venture capital circles, recent breakthroughs in the esoteric field of superconductivity are sparking visions of new riches

At least one new company has already been formed. Tentatively named the American Superconducting Corp., it will use seed money provided by American Research and Development of Boston and Rothschild Ventures inc. of New York, two leading venture capital firms, to take the first steps toward developing a business based on the work of Gregory J. Yurek and John Vander Sande, two professors at the Massachusetts Institute of

Technology.

They disclosed at a congressional hearing last week

They disclosed at a congressional hearing last week that they had developed a method to make the new superconductors out of metal, which would make them far easier to manufacture than the brittle, ceramic-based materials developed by other researchers. (NYT)



Biomagnetic Technologies' neuromagnetometer uses superconducting materials.

Paris to Tokyo in three hours? More than fantasy, the hypersonic jet is approaching reality.

# Visions of Soaring at Mach 5

By Axel Krause

ARIS — The year is 2015. About 150 passengers have just been escorted past advanced Airbus, Boeing and Concorde aircraft at Charles de Gaulle Airport. Somewhat apprehensively, they file into a gleaming, snout-nosed, delta-wing plane now ready for the threehour flight to Tokyo.

Shortly after takeoff, riveted to their seats, passengers are told that the world's first hypersonic plane is gars are tool that the world's first hypersonic plane is cruising — actually orbiting — at an altitude of 18.5 miles (30 kilometers) at nearly seven times the speed of sound. Later, slightly groggy, they step off the plane in Tokyo, carefully avoiding contact with the fuselage, whose temperature is still at about 500 degrees centigrade (932 degrees Fahrenheit). Some passengers say they are looking forward to the return flight to Paris later in the dex.

Such a scenario, once a matter of dreams and sketches, is approaching reality. In the United States, Britain, West Germany, France and the Soviet Union, teams of engineers are working in secrecy to develop technology for hypersonic passenger planes, including advanced engines, fuel, materials and communications. Senior executives of leading plane manufacturers and Western governments are, meanwhile, debating trans-Atlantic cooperation as a way of financing. The key question: Could they ever be profitable?

Hypersonic aircraft was the center of guarded talk at last week's Paris air show, where brief, broad descriptions of projects were readily available at the stands of the main players. These include: Aérospatiale of France. British Aerospace PLC, Messerschmitt-Bölkow-Blohm, or MBB, of West Germany, Boeing, Mc-Donnell Douglas, Lockheed and Rockwell Interna-tional of the United States.

Even at today's prices, the costs sound exorbitant. For example, airline analysts estimate a round-trip ticket would have to be set at a rate more than double the price of a seat on the Paris-New York Air France Concorde, currently 27,180 francs (\$4,510).

Development costs of a hypersonic plane would easily reach about \$20 hillion, according to U.S. companies. But hints of answers are beginning to surface on this score as well. Lou Harrington, a senior vice president at McDonnell Douglas, says he hopes his company could cooperate with Boeing. Airbus Industrie of Western Europe and smaller manufacturers like Fokker NV of the Netherlands to develop the zircraft.

Future trans-Atlantic cooperation was strongly endorsed by ministers from Britain, France, West Ger-many and Spain at the air show. The U.S. government has not yet taken a position on such cooperation.

"There is a market, limited perhaps, but it's there," commented Alan R. Hughes, a marketing vice presi-dent for British Aerospace. "Regardless how I fly to Sydney from New York or Washington today, the trip is 24 hours. If a hypersonic gets me there in two hours for an urgent business appointment, that would make sense, because time matters."

But so does technology — both civilian and military — which most industrial and government planners view as the immediate and most difficult hurdle when assessing its components. These include the following:

 Engines, Currently, the world's fastest aircraft, the Concorde, the West European Tornado fighter and Lockheed's Blackbird reconnaissance plane, cannot exceed Mach 3, or three times the speed of sound. Engine makers are pursuing solutions that would permit speeds of up to Mach 25. Most generally agree with the approach of General Electric of the United States, which would combine turbofan and so-called ramjet technology. GE is also working closely with France's state-owned Sneema exploring other possibilities, such as combining the use of bybrid turbo-ramjets, ramjet-rockets and turbo-ramjet rockets.

Ramjet engines, which were first tested for the German Luftwaffe near the end of World War II, contain no moving parts and would be used once the aircraft attains Mach 3, hased on the following principle: Air for oxidizing the fuel is continuously compressed by being rammed into the inlet by the high speed of the aircraft. High-bypass turbofan engines, resembling current models, would be used to generate power that did not conflict with noise and pollution requirements up to about Mach 2.

While cruising, a transition period would last up to Mach 3, according to scenarios of Aerospatiale and MBB. Then, the turbofans would be shut down, as the ramjets powered the plane to higher speeds, possibly with the help of rockets.

The West German Ministry of Research and Technology and the European Space Agency recently com-missioned MBB to pursue propulsion technology hased on the so-called Sanger project, a proposed twostage space aircraft. This was the work of a German signer. Eugen Sänger, who developed the idea for a rocket-propelled aerospace plane in the early 1940s. According to MBB, its version could carry about 250 passengers at speeds of about Mach 5 with a range of about 13,000 kilometers.

Meanwhile, British Aerospace has begun testing model of an engine designed for its proposed Hotol spaceplane, a reusable shuttle transport that would attain speeds of up to Mach 5. First versions of the Hotol would be used as early as the late 1990s for space missions, but later, they might be developed for commercial transport. A goal in the recent testing was evaluating re-entry heating and pressures, according to company sources at the air show.

· Materials. To withstand the projected speeds and surface temperatures, expected to range between 80 degrees centigrade (176 degrees Fahrenheit) and c00 degrees cenugrade (1,120 degrees Fahren-heit) initially, new metals and plastics will be needed

But companies and government research agencies involved in developing materials have been extremely guarded in providing detailed information.

New forms of utanium, stainless steel, polymers and metals reinforced with ceramics, boron or carbon thesesterms also ha incorporated in the agent agencies. threads may also be incorporated in the new aircraft. Novel alloys and other ceramic materials are being studied for the engines, turbines and comhustion chambers, where temperatures will easily reach 1,400 degrees centigrade (2,544 degrees Fahrenheit).

Communications. This is probably the most guarded area of technology being studied, and apparently, the least advanced. Most development work in this area has been done in the United States, primarily on the shuttle program. Britain and France are studying avionics technology in connection with their respective Hotol and Hermes shuttle projects.

Probably nowhere is the work on a hypersonic plan more advanced than in the United States. Known as the National Aerospace Plane and financed jointly by the National Aeronautics and Space Administration and the Defense Department, the plane's engines are already being developed by GE and Pratt & Whitney, with projected speeds of up to Mach 25.

Boeing, General Dynamics, Lockheed, McDonnell

Douglas and Rockwell have started airframe studies, and contracts for the first flight demonstration aircraft may be ready to sign at the next Paris air show in 1989.

AXEL KRAUSE is the economics correspondent of the International Herald Tribune.

### Preparing **For Mars**

Continued from page 9

has done studies lasting three or four months, U.S. studies in the past have reflected the fact that shuttle flights are limited to seven to 10 days. But with the advent of the proposed space station, where crews will stay aloft longer, and also with increasing interest in manned planetary exploration, he said, "that approach is now changing" in favor of longer term studies similar to those of the Soviets.

The more costly alternative research method is, of course, to put people into space. Here, too, the Soviets have pio-neered. Since 1961, they have propressed from two hours in space to an eight-month sojourn.

The two-man crew aboard the Soviet space station Mir is now in the midst of a 10-month tour of duty which is expected to become routine for Mir crews. Also, two cosmonauts are the only humans who have repeated longduration flights; they made two such flights each and one, Yuri Romanenko, is now aboard Mir for a third.

"The organism 'remembers' weightlessness and during repeat missions adaptation proceeds less painfully," said Tamara Breus, of the Institute of Space Research of the Soviet Academy of Sciences in Moscow. Mr. Romanenko has reported having a much easier time adapting to weightlessness than his less experienced crewmate, she said.

The longest any American astronaut has spent in space is just under three months (84 days), on the last Skylab mission in 1973-1974. No women have flown for more than 10 days.

"The data the Soviets are accumulating is very, very valuable data. Nobody else is doing it," said Dr. Arnauld E. Nicogossian, director of life sciences for NASA, in Washington. There is a limited flow of informa-

tion from the Soviet program, American researchers say. "We talk with them, scientist to scientist. We understand what problems they're studying. We get certain publications," said Dr. Nicogossian. "But to have a working relationship where you can comb through their data, ask the questions, it doesn't happen."

The purpose of the research is to develop countermeasures, such as diets, exercise, fluid-loading, gravity snits and the like, that make it possible for space flyers to stay healthy and keep functioning, both while they are in space and when they return to gravity.

To counteract the muscle deteriora-

tion, for example, the Soviets require

that their Mir cosmonants exercise on a

treadmill for at least two hours a day, an undertaking that reportedly generates a shroud of sweat. "It's very uncomfortable" said John Charles, of Johnson Space Center's Space Biomedical Research Institute in Houston. The flyer has to harness himself to the machine to keep from float-

painful pressure points.

Skeptics within the research community maintain that cosmonauts comply with the exercise mandate "religiously as long as they are within camera range" of ground controllers, and then skip the rest, Mr. Charles said. "At least, so the story goes."

ing off, he said, and the harness creates

NASA, with its short-term manned flights, has no such requirements. Shut-tle astronauts "usually exercise for about 10 minutes at a time, once or twice during a flight" to test muscles before landing or as recreation, he said. As for the loss of bone minerals, that

presents a serious short-term problem

m addition to its effects on bones them-

selves. That calcium ends up in your

blood and increases the potential for kidney stones, and this could happen

even within hours," said Mr. Charles. No astronaut has yet suffered a kidney stone problem during a mission. In 1988, the Soviets plan to take a

French-built bone scanner machine into orbit to study in-flight changes, according to Dr. Nicogossian. The So-viets currently believe the effect on bones levels off sooner than previously thought, at about three months, be said.

The loss of fluids is caused when, without the drag of gravity to pull them down, the body's blood and other fluids drift into the upper regions where they impinge on key sensors. Informed by these sensors, the brain assumes that the unusually high amount of flinds accumulating in the chest exists throughout the body, so it starts getting rid of them through sweating, urination

and other means. The Soviets and the Americans have both tried applying "negative pressure" that sucks blood backs to the legs, Dr. Nicogossian said, and the Soviets have tried replenishing fluids. They have also tried compression suits that are spring loaded shoulder to waist, waist to legs and with stirrups on the feet, to substitute for gravity, he added.

in orhit, are hoisted ont of their cap-

sules, slid down a chute and carried in

sedan-chairs for days or even weeks

before they begin to function normally, according to U.S. specialists.

The long-term effectiveness of cer-tain countermeasures is not clear, in

part because the Soviets use several at

once rather than separating out the in-

dividual effects of any one measure; for

ethical reasons they bave not provided

a control group, where no countermea-

sures are taken for fear of endangering

these measures is to create artificial

gravity for long space flights, probably by spinning the vehicle. But research in

this area is in its infancy. It is "a hig

question mark." Dr. Nicogossian said.

KATHY SAWYER is the space writer

One possible alternative to the use of

any cosmonauts, experts say.

The most famous space affliction is motion sickness. Something called "sensory conflict"

is believed to be the culprit, NASA researchers say. That is, in weightlessness, the internal body programming that controls posture, movement and the like is no longer calibrated to read the signals that are coming in from sensors such as those in the inner ear.

American astronauts have not experienced serious health problems after their relatively short-term flights, but researchers express concern that irre-versible changes may occur in the body with prolonged or repeated flights.

Soviet cosmonauts, after long stays

phase starts a year before liftoff. In the United States. the National Aeronautics and Space Administration requires three to six months in the simulator.
"You have to learn to know experiments or how to

Each member of the team went through the same program of in-depth training that covered every task on board, from conducting experiments to operating the

I got training as a full-fledged member of the crew. Each crew member was interchangeable with the others. My training was extremely thorough and serious, and exactly the same as the Soviet cosmonauts got," Mr.

preparation and made a weeklong flight on the space lesser team member.

program," Mr. Baudry said. But he pointed out that NASA also has a much more rigorous and regular program of space flights. "The Americans have a real need for terribly tight organization that demands specialization. It is perfectly logical that they would catego-rize people. But that shouldn't be allowed to affect the psychology of the astronauts involved."

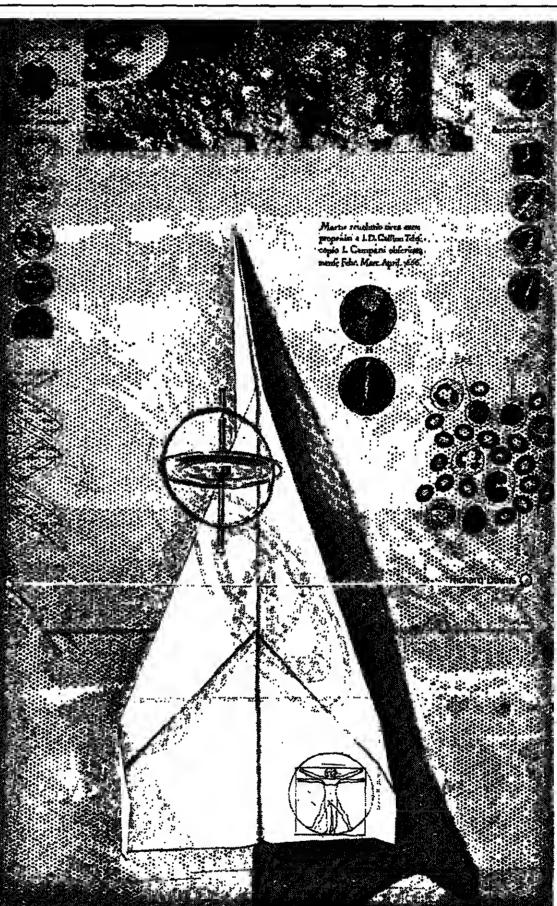
said. "The Soviets have little of that spirit of hreaking away and battling for the lead."

philosophical, visionary approach to space. "They have a view of their space program that is very long-term and consistent. The American program revolves around developments in the next few years with little of that futurist vision."

Air Force 1est pilot. His "greatest letdown" was having to land on Earth after eight days in space aboard the Discovery, but be has no immediate plans for more space travel while he works on the development of Europe's space shuttle. Hermes. Yet his perspective, like that of the Soviets, is long-term.

scheme of things. What is important is to look across millenia," he said. "What will become of man on the that has created the power to destroy his planet have the wisdom to survive? And will we succeed in going beyond natural, logical and positive evolution."

BRIGID PHILLIPS is a journalist based in Paris.



### Psychology Is Key on Long Flights By Brigid Phillips ARIS - To most mortals, the limits of space.

are as short as the imagination. To Patrick Baudry, a French astronaut, the concept of conquering space is as long as several millenia and defined only by the limits of the human mind. Mr. Bandry speaks with the wisdom and enthusiasm of one of few humans to experience life in space. He has

the objectivity of one who has worked with U.S. and Soviet space officials to expand the horizons of space. For Mr. Baudry, the physical and technical obstacles associated with space travel are surmouotable. Excellent physical condition is assumed. The astronaut learns the

technicalities of how to conduct scientific experiments in space or the operations of the spacecraft by himself or with a scientist. But psychological constraints make for problems now and will only be multiplied for long manned space flights. Already, in both the Soviet and American programs, he said, training is a much lower priority for astronauts than mental preparation.

The critical part comes when you start working together in the simulator," he said. In Moscow, that

motivate others." Mr. Baudry continued. "Up there in that tiny area of the capsule, it is crucial to understand perfectly the personalities of the other team members." When it comes to considering astronaut psychology. Mr. Baudry rated the Soviets far ahead. From 1980, he spent two years at the City of the Stars base near Moscow, training for a June 1982 space flight, for which he eventually was named an alternate.

In 1985, he went through the equivalent American

shuttle Discovery, though there, he was treated as a "Psychologically, it is more difficult in the American

→ NLIKE the Soviet program, U.S. space development is tied to commercial interests. There is a pioneering spirit. The Americans know how to invest and how to take risks," he

But, Mr. Baudry found, the Soviets take a much more

Mr. Baudry, 41, has put aside his career as a French

"What will be achieved by 1989 does not interest me. Even 25 years is not as much as half a second in the planet Earth in the year 3000, 4000, 5000? Will this being our solar system? These are the real questions of our adventure. My interest is in being a small part of the motor that drives the machine in the direction of a

### **TechnologyDevelopments**

# Sale Furor **Spotlights Submarines**

By Malcolm W. Browne

T EW YORK - As the Soviet Union and the United States race to build the quietest submarines possible, the recent disclosure that a Japanese company sold robot propeller-manufacturing machinery to Moscow has underscored the growing importance of computer cootrol to the weapons industry.

In a thermonuclear war, detection of the telltale noise produced by the propeller of a single lurking missile submarine could prevent the destruction of scores of cities. The sale by the Toshiba Machine Company to Moscow of computer-controlled machinery capable of making especially quiet propellers has, therefore, caused consternation among American military offi-cials and has belped to sour Japanese-American relations.

Details of the technology required for making quiet subma-rine propellers are among the most highly classified of Defense Department secrets, and a Navy spokesman said Defense Department officials were barred from discussing the subject.
However, an enormous amount of information about screw

propellers is in the public domain. In interviews, several marine propeller experts and former submarine officers discussed unclassified aspects of the quiet propeller problem on condition that their identities be withheld.

'ft's a safe bet that the Russians have had a good grasp of the rits a safe bet that the Russians have had a good grasp of the principles behind quiet propellers all along." a former commander of a ballistic-missile submarine said, "and they also probably had ways of getting the machinery they needed without help from Toshiba. Where they've lagged has been in the computer programming and software needed to drive these numerically controlled machines.

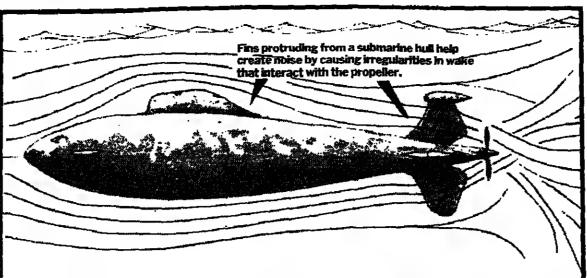
Most of the surface ships in the United States Navy are driven by complex, controllable-pitch propellers manufactured by the Bird-Johnson Co. using such equipment.

A numerically controlled milling machine is one in which a digital computer, programmed to direct a complex series of mechanical steps, sends numerical coordinates directing the machine's milling head along the paths it must take to remove the required amount of metal from the object it is shaping.

One of the main sources of submarine noise, experts say, is propeller cavitation. A spinning propeller blade cuts through water in much the way an airplane wing does through air. The front surface of the propeller blade, comparable to the upper surface of a wing, creates suction as it speeds through the water, and the suction pulls the propeller (and ship) forward. But above a certain speed, the blade moves too fast for the water touching its front face to catch up, and this creates a vacuum cavity, which may extend in a sheet along most of the blade's

As the cavity sheet separates from the blade, it breaks up into microscopic bubbles that are ordinarily swept away with the flow of water. When the buhbles reach a distance from the blade, where the surrounding water pressure increases to its normal level, the bubbles abruptly collapse. Each collapse makes a small but sharp noise, and the collective effect of these cavitational collapses is a continuous roar audible to enemy

The roar itself is not the only source of propeller noise. Each of the objects that stick out from a submarine's hull - the sail (superstructure), stabilizing fins, rudder and so forth —creates a turbulent wake distinct from the rest of the water streaming past the vessel. When a propeller hlade cuts through one of these



turbulent discontinuities in the flow of water, a pulse of sound results: the principle is similar to a jet of air blown through the spinning holes of the disk in a siren. The more blades the propeller has and the faster it is spinning, the higher will be the

pitch of the resulting noise. All propellers cavitate above a maximum speed. Even below this speed, the hlade tips, which are moving through water faster than blade roots, may cavitate. A submarine headed across a wide stretch of ocean to its station ordinarily moves at high speed ("transit speed") until it oears its destination, and during this period its propeller cavitation is particularly noisy. Once on station, the submarine slows to a crawl ("patrol speed") to remain as quiet as possible. But even when a submarine is forced to travel comparatively rapidly, the captain tries to keep cavitation and other noises to a minimum

"Obviously, the prudent submarine commander who must increase speed will take what steps be can to prevent cavitation noise," a former submarine officer said. "One way is to dive as

The onset of cavitation is determined partly by the pressure of water enveloping the spinning blade. The higher the pressure, the faster the blade can spin without tearing loose from the water in contact with it. Since water pressure increases rapidly with depth, a submarine can travel faster while remaining quiet

The design of the propeller also critically affects the spinning speed at which cavitation sets in. A large-diameter propeller that spins slowly is less prone to cavitation than a small one that spins rapidly, and modern submarine propellers are, therefore, relatively large; some Soviet propellers are so large their blades extend above the water when a submarine runs on the surface.

A nuclear submarine propeller, cast from bronze in one piece, generally has five or seven blades, and the number of blades affects its sound. The more blades that pass through a given wake discontinuity in a given time interval, the higher will be the pitch (frequency) of the sound. In general, high-frequency sound does not reach as far under water as does low-frequency sound, so a larger number of propeller blades may help defeat an enemy's acoustic detectors.

A particularly important factor in propeller noise is the shape of the leading edge of a propeller blade. In conventional propellers, the blades are more or less symmetrical, and the leading edge slams all at once into any wake discontinuity it encounters, creating a sharp pulse of sound. But in advanced military propellers, the leading edges of hlades are swept back - skewed - in somewhat the way the wings of jet airliners are swept. Skewed propeller hlades slice across wake discontinuities at sharp angles, and the sound they make is therefore smoother

Submarine propellers are also "raked," meaning that their hlades are angled back from the shaft rather than perpendicular

to it. The blades are thus prevented from encountering some of the wake discontinuines that create sound.

Among the most important ways of increasing the speed at which a propeller may turn without producing cavitation noise s to eliminate irregularines in the smoothness of its curves, and it is for this that advanced robot milling machines like those made by Toshiba are particularly important, experts say. The slightest ridge, dimple or "pillow" on the face of a propeller blade, invisible to the naked eye, may be enough to trigger the separation of the blade surface from the water in which it is spinning and thereby start cavitation.

A bronze submarine propeller, perhaps measuring some 20 feet in diameter and weighing around 10 tons, is first cast from molten metal, cooled, and inspected for faults. It must then be machined to the exact dimensions specified by computer-assisted engineers who designed it. Finally, it must be perfectly balanced (by removing metal from one or more blades) and tested on a spinning shaft for vibration and other characterisnics. These operations are so difficult and time-consuming that the cost of a propeller for a large, modern warship, industry officials say, is about \$1 million.

ROPELLERS are traditionally finished by hand. Using template gauges to check their progress, workers grind metal away from each blade a little at a time until the appropriate template fits perfectly. Ten templates, fitted at equal intervals along the length of each blade, must all fit properly.

"But if you've ever worked in a machine shop, you can guess the effect of this," an engineer said, "A worker will grind down the blade at a template point to a perfect fit, but in the blade areas between templates he'll tend not to grind too hard, for fear of taking out too much metal. Invariably, this means too much metal is left between measurement points, with a certain amount of bulging or 'pillowing.' A propeller like that will pass all inspections, but it will cavitate at too low a speed."

Other experts said that in any case, Soviet submarines would have become quieter, Suhmarine noise comes from several sources besides propellers, one source being the vibration of gears, shafts, bearings, pumps and other machinery inside the ship's hull. This kind of noise is customarily reduced by mounting machinery on rubber blocks or otherwise isolating it from the hull. Builders also line hulls with foamed-plastic sound

"This Toshiba flap is unsettling," a former naval officer said, "hut I suspect it's just the latest skirmish in our cat-and-mouse

# Degradable Plastic Timed to Self-Destruct

By Thomas Netter

ENEVA — Anyone who remembers seeing "The Graduate" may also remember laughing when the word "plastics" summed up a gencration's avarice and contempt for the environ-ment while in pursuit of "durable" security.

But these days, the durability of plastics is no longer a laughing matter. Mountains of synthesized polymer trash are growing. Plastic cups, bottles and picnic cutlery litter beaches and roadsides the world over, resisting degradation by water, rain, air or ultraviolet sunrays and micro-organisms. And hurning is no solu-tion: many plastics produce putrid, noxious gases when put to the flame.

Slowly, governments and the public are beginning to say, "enough."

This month, Florence banned the sale of plastic food bags and containers. Italy has decreed that all plastics used for nondurable goods must be made degradable by 1989. And as other areas of Europe, as well as the United States begin to react to the mounting scourge of indestructible plastic litter, the plastics manufacturing industry is stepping up its search for

"Until now, they usually wanted to stress how long plastics last," says Robert Fresh, an independent public relations consultant in Geneva who specializes in the chemical and plas-tics industries, "but that may be changing

Although photo- or bio-degradable plastics have been available for years, mass marketing has been slow and hampered by drawbacks. About 25 percent of the six-top plastic beercan yokes now sold in the United States are photo-degradable, industry sources say. And each month, a Toronto firm called Ecoplastics, sells about 20 tons of a product called Ecolyte that breaks down in ultra-violet light so micro-

organisms can do their work.

But many of these products have disadvantages. Ecolyte, for example, must be kept indoors to maintain shelf life, while other products such as Plastor developed by a company in Israel are unsuitable for food packages because additives used in manufacturing could spoil food. Companies in Britain and North America are producing degradable plastics that can be destroyed by bacteria or micro-organisms.

But in many cases, cost is a negating factor. One of the more promising developments is about to get full public display in Switzerland. A company formed in 1983, Belland AG, is to formally unveil its new degradable product next mo th.

Rola'.d Belz, the president and majority owner of Belland has invented a plastic product that can be dissolved when sprayed with water mixed with a chemical reagent tailored to specific applications and the uses expected from the material, according to Roman E. Kainz, vice president for corporate development in the company's headquarters at Solo-thurn. Switzerland.

Mr. Kainz says the new product can be used for almost every plastic application — injec-tion moulding, profiles, foam, liquid plastic or rigid plastic — "everything you can imagine in...

thermoplast applications can be made out of Belland plastic." Mr. Kainz said in an interview that Belland can develop a polymer for an individual cli-ent's needs. The plastic is then manufactured through a standard process that is licensed out, to manufacturers. Belland does not produce the product itself, Mr. Kaine said. The company has only 60 employees, two-thirds working at Belland's research and development facility

in the tiny village of Biberist near Solothurn.

Chemical agents can break down the material in seconds, hours, days or months.

The beauty of Belland plastic, Mr. Kainz says, is that it can be made stable against water, can have a long shelf life, or be used as agricultural film that is exposed to sun, light, water

"After the resistant period, you can define the time when it degrades," Mr. Kainz says, "And even this can be installed into the plastic, from seconds, to minutes, hours, days, or

Raliet-

The plastic can be programmed, either chemically by adding time reactive agents, or by producing it in such a way that exposure to water or a chemical agent, for example, would begin to break it down.

After the plastic is dissolved, it is broken down in an "environmentally safe" process of! biological degradation. A one-year study indicates a 50-percent biological breakdown, and Belland assumes that within two years all residues will disappear. "What we know in using: w materials already tested is that there are no bad effects on the environment, humans, soils or the air," Mr. Kainz says.

THOMAS NETTER is o journalist based in

### Some people call it an eyecatcher...



### ...we call it the new Minolta EP 570 Z.

new EP5702 is brilliant perfor- 6 paper-feeding possibilities. The mance, yet remarkably easy to use. That's the simplicity of intelligence. zooming, editing, image shifting, These features can boost your office frame arasing, anamorphic zooming, productivity: 40-cpm speed; fully

Your first impression of the automated two-sided copying; and Functions like duplexing, page-by-EP570Z simplifies wide-range and mono-colour copying.

page copying and overlaying can be keyed in easy steps. Why not come in for your personal demonstration.

The simplicity of intelligence. MINOLTA



# W. Germans Test Digital System

The underlying question: Will people really use the technology?

By Douglas Sutton

ANOVER - The future of telecommunications in West Germany for the moment belongs to around 800 individuals in Mannheim and Stuttgart, in a pilot test that industry executives are confident is the start of a thorough revamping of the telecommunications landcape which will go far beyond West Germaly's borders.

The testing, begun in January under the auspices of the West German Federal Post Office, covers two systems for the Integrates Services Digital Network, or ISDN, which combines the complex — multiple telecom services running simultaneously — with the simple: all via conventional telephone lines.

For the moment, two companies in particular are awaiting the Bundespost's extremely crinical evaluation. They are Siemens with its Electronic Digital Switching System or EWSD used in Mannheim, and Standard Elektrik Lorenz (SEL), whose System-12 was put through its paces in Stuttgart.

But other West German firms, such as Telenorma, ANT, DeTeWe, and Nixdorf, as well as foreign companies will be watching the Bundespost's appraisal. It is not just a question of the billions of dollars' worth of research and development costs already invested, but also on the line are the strategies that telecom firms have begun to draft for ISDN's future.

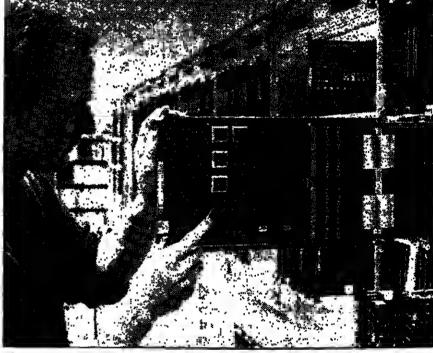
"The chief question in the pilot testing concerns is not just the technical side of ISDN. Everybody agrees digital communications is the technology of the future," said Rainer Mueller, a Siemens engineer and marketing manager. "What is also at stake is the question of user acceptance. Will the businessman and private household really use the multiple ser-vices offered under ISDN? This is, after all, the

Industry officials agree that the question is one of educating the public, particularly the private householder, who might not immediately know what to do with ISDN.

At the office equipment, communications and information technology fair CeBIT in Hanover last March, companies tried to educate potential customers on the uses of 144 khit/s. This is the sum of two 64-kbit/s channels for the simultaneous transmissions of voice, text, data, and still images, combined with a third 16-kbit/s channel for coordinating and controlling these services. lo its display. Siemens linked a travel bu-

reau, an architect's office, a bank and a private household, all variously equipped with telephone, telefax and telecopier equipment, computer terminals and normal TV sets. It showed them, hypothetically, going about daily business using the gadgetry simultaneously.
In the real-life testing in Mannheim and

Stuttgart, the exacting standards of the Bundespost, meanwhile, were the most immediate hurdles. Mr. Mueller said that during the yearlong period in which the Siemens and SEL systems were being tested, the post office had



A technician at Standard Elektrik Lorenz laboratories inspects a component of System 12, the digital switching hardware being tested in Stuttgart.

set a limit permitting only a couple of minutes of any kind of disruption in the ISDN services. West Germany is not alone, of course, in starting to test the ISDN waters. The list of countries launching or planning pilot projects in various forms of digital telecom technology in the near future includes Belgium, France, Ireland, Italy, the Netherlands, Norway, Spain, Sweden, Switzerland, Britain, and the United States.

The West German project is the newest phase in the Bundespost's preparation to introduce glass fiber-based broadband transmission systems starting in the early 1990s.

Beyond this, the West Germans hope to

prove that though the applications may be complex, ISDN-companible systems, at least in terms of the 64-kbit/s channels, would be relatively easy to install as they replace the older analogue switching network.

Theodor Irmer, an engineer at the Geneva-based International Telegraph and Telephone Consultative Committee (CCITT), points out that, given the worldwide acceptance of clearly defined technical standards, ISDN networks could find widespread ready acceptance.

"As paradoxical as it sounds, developing countries which are now just starting to develop their networks could have an extraordinary interest in digital technology," Mr. Irmer told the West German engineering association VDI publication Magazin,

He said that developing countries could sooner apply digital lechnology over a broader region than could the large industrial nations that were still operating analogue technology.

Siemens believes its EWSD system, which

according to Mr. Mueller required about 2 billion Deutsche marks (\$1.1 billion) in research and development costs, has an advantage under the international standards for digiswitching networks laid down by the

Most recently Siemens concluded a sale of DOUGLAS SUTTON is an editor at the Ger

nections to Portugal. So far Siemens has sold its EWSD system to 52 telephone companies in 26 countries, for a total of 6.7 million telephone hookups.

In view of the tremendous up-front develop ment costs companies need such sales to get their money back. A Siemens executive estimated that the com-

pany needed a sales turnover of at least 10 billion Deutsche marks to recoup EWSD research and development costs. A board mem ber, Hans Baur, said that Siemens needs a 15 roent share of the world market to preserve its ability to compete.

With such companies as AT&T. Northern Telecom, Japan's NEC, and Ericsson also developing and selling digital switching technology, many firms have begun to ponder whether they wind the control of the c they might have to join forces to survive. This was one of the chief topics discussed by industry executives at a world telecom symposium during the CeBIT exhibition.

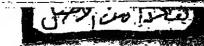
At that forum hosted by the weekly Wirtschaftswoche magazine, Mr. Baur said that there was a distortion of the market stemming

from large mergers.

He also said that, while German cartel law restricted firms from gaining too much of a share of the domestic market - Siemens is under fire for its 45-percent share in West Germany - the competition was under no such restriction. He cited as one example Akatel's 85 percent share of the French telecom-

munications market Still, Mr. Baur was confident about the future prospects opened by the ISDN develop-ment. He said the Europeans were now in a position to gain territory worldwide in the telecommunications field, but warned that there would first have to be agreement on unified standards.

four EWSD units with a total of 43,000 con-



# ه کذا من الاصل

### **TechnologyWorkplace**

# Networking' From Home managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them conguaranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the managed to cut costs by offering them congueranteed them 100 days worth of work with my. For the rest of the time, they were on the costs and the costs a

Most companies do not want to lose control over their staff or take the trouble to reorganize. And

many business transactions require team work. But experts agree that personal computers and computer links mean that more people in certain types of jobs will be able to work from home and will do so productively. Whether they will want to is another question. Not every-body is cut out to work in quasi-isolation, and people worry about the career implications of being home-bound: Out of sight, out of mind?

According to a survey of experts by the British Department of Trade and Industry, one quarter of the respondents said that by 1995, 10 percent to 15 percent of the British labor force would work from home and that 20

percent would work from home by 2010. "Office Workstations in the Home" (National Academy Press, USA) looks at six case studies where staff worked from home and argues that there were 20 percent to 50

percent productivity gains.
Some companies such as Blue Cross-Blue Shield, British Telecom, ICL, the British computer group, Rank-Xerox, the European beadquarters of the U.S. office equipment company, and F. International Ltd., the British software consultants, are already encouraging some people to work from home and setting them up with the necessary com-puter links to communicate with each other and their boss. But, because of the perceived negative career implications, few men still take up the offer. Out of ICL's 280 off-site workers, 93 percent are women. Out of F. International's 1,000 home workers, 97 percent are women. Both compauies started letting people work from home before the age of the personal computer to enable women to combine

career and family. ICL tries to recruit more men by offering good promo-tion possibilities. In ICL's book, being an off-site worker does not mean that you cannot become a manager if you want to. For example, Diana Hill, who started out as a programmer with ICL, now manages 170 off-site workers. Like them, she works from home and they have regular meetings at ICL offices.

Three years ago, Rank-Xerox decided to let a few of their staff members work from home. Senior management devised the project at a time when the company was trying to cut costs. By letting 54 people become "networkers," Rank-Xerox-sought to retain people with certain skills but

managed to cut costs by offering them contracts that guaranteed them 100 days worth of work with the company. For the rest of the time, they were on their own.

Part of the Rank-Xerox deal was to lend networkers the

nter equipment and software they needed for their One networker, David Butler, who was a systems director with the company, started his own company, Artificial Intelligence Ltd., which now has an annual turnover of £2

million (\$3.26 million). Another worker puts out the in-house magazine from

"I wanted to do my own thing: I had done my corporate bit," said Rosemary Vaux, who started working three and a half years ago from her spare bedroom in a cottage in Enckinghamshire. Her company, Ravenstone Public Relations, now handles other corporate accounts, and ber husband, who worked as a television broadcasting engi-neer, has joined the company full time and looks after the

"The technology is the crux; that is what makes it all happen," she said.

Some bome-bound workers find it difficult to deal with isolation and loneliness. Others cannot separate home from work and find themselves doing house chores when they should be working. Managers recruiting people to work at home try to be selective

"Not everybody can work at home, so we spend a lot of time on interviewing," said Diana Hill, general manager of CPS Professional Services, a division of ICL, which pro-duces software packages. "We are looking for self-moti-vated individuals. We try to find in their background projects they have accomplished on their own."

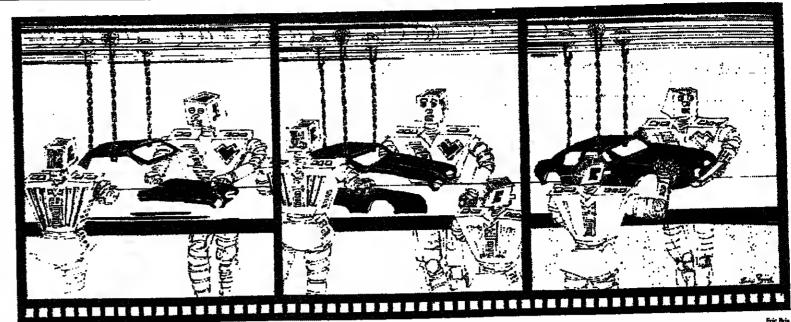
Some women quit because they could not cope with both children and job at home. One CPS bit of advice is to hire help for the children. For the individualistically minded, working from home

can help relations with the boss. For the boss, on the other hand, it means devising more

formal controls and maintaining constant commi "We have to get to know our staff very well," said Mrs. Hill. "Without being intrusive, we have to be aware of some of their personal circumstances because they are

SHERRY BUCHANAN writes the International Manager column for the International Herald Tribune.

much more likely to be affected by them."



# **Humanizing Factory of the Future**

By Juris Kaza

ROLLHATTAN, Sweden - For Sweden's highly innovative automobile industry, the manufacturing system of the future will be built on a lesson drawn from the past: The

burnan factor is the key to performance. Anders Svensson, a behavioral scientist working at Saab-Scania's main passenger car assembly plant, said that the most important element in auto production, whether highly automated or not, is a stable base of experienced and motivated employees.

When production technology begins to debumanize

or frighten people, it defeats its own purpose.

"You have a lot of high-tech car plants in the world that are not successful." he said. "In the next car plant generation, we will probably take a small step backwards in terms of technology."

Saab's facility at Trollhattan, near Sweden's west coast, is a giant complex producing over 60,000 Saabs a year, or nearly half the company's annual production. It boasts production equipment from Japan, France, West Germany and Sweden, including Asea robots that poke inside car bodies, spot-welding them in bursts of hissing sparks. The robots do work that was once done by burnan workers. Painting and body-part pressing is also almost wbolly automated.

There is no single assembly line in Trollhattan but a series of "minilines" separated by buffer zones, where partly assembled vehicles wait to be passed from one work team to another.

"Carriers" bearing parts or whole subassemblies silently glide along passages between robot lines and work areas to computer-selected destinations. They stop smoothly when one of the soft bumpers detects a

buman standing in the way.

Trollhattan, and rival Volvo's plants at Kalmar and Torslanda, near Gothenburg, are the state of the art of Sweden's auto industry. But they will not be for long. Both companies are investing billions of kronor in a new generation of assembly plants at Uddevalla for Volvo and at Malmo, on the southern tip of Sweden, for

Saab. These plants are scheduled to be fully operational

Both facilities are to be built on the sites of abandoned shipyards, the mute remnants of Sweden's oncepowerful ship building industry.

Despite the extensive use of robotics, computerassisted design and automated process control, the buzz. words for future auto production methods in Sweden are "sociotechnology" and "job design," rather than the jargon of computer hardware and high technology.

"There is a widespread misunderstanding about the role of technology in our future factories," said Bert Jonsson, AB Volvo's vice president for buman re-

"There is a part of the manufacturing process that can be automated, such as the pressing of sbeet steel, the making of motor blocks, transmissions, as well as painting and body welding. All these can be and all these are automated. But there is a part of production - the final assembly - which no one has automated and which won't be automated in the foreseeable fu-

Volvo officials say that the future of the Swedish auto industry depends on innovations in the quality of work rather than the physical and technical processes involved, and their counterparts at Saab agree.

"The 'big bang' of high technology gives you a choice," said Mr. Svensson of Saab. "You can use your people just to load the automated machines, or you can use the operator's intelligence as far as possible. One way is to integrate the tasks around the direct assembly process, such as planning, materials bandling and administration."

Saab has evolved an 8- to 10-member team system for its car assembly plants based on job rotation and considerable autocomy by each team in setting routines and objectives. Computerized process control has been decentralized, with each miniline controlled by its own computer, which one or several members of the respective production team are able to maintain and program.

Volvo's innovations in production are synonymous with the plant it opened in 1974 in Kalmar, oo the east

coast of Sweden. Kalmar pioneered the use of teams and the breakdown of the assembly line into work areas, with cars moving along on carriers. Because it started its innovations all at once, Kalmar got more international publicity than the evolution of similar methods at Saah.

At their future plants, however, Saab and Volvo will be taking different paths in the development of work environments. Volvo's Uddevalla plant will actually consist of six workshops, each staffed by around 100 workers that will be responsible for the complete assembly of individual cars from start to finish.

ACH shop will also be its own profit center, with workers' compensation packages includ-ing some form of incentive for improving productivity. Several teams may work side by side, but each will start with a "kit" of parts and finish its work by driving or rolling away a new car, according

Exact plans for the working environment at Uddevalla are incomplete and are being developed by a small-scale experimental workshop near the future site

that is training future employees.

Volvo officials say that the Rolls-Royce, widely considered as the world's finest car, is band assembled, and the new facility at Uddevalla may try to create the atmosphere of a craftsmen's workshop while maintaining the speed and efficiency to produce up to 80,000 cars per year on two shifts.

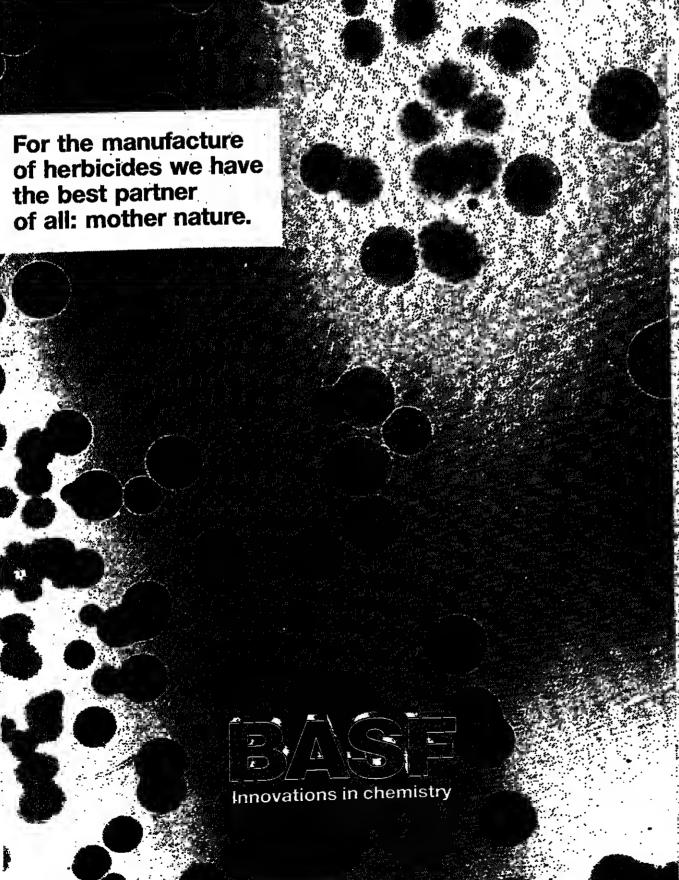
At Saab, Mr. Svensson indicated that the new Malmo plant will probably run along the same lines - "a

matrix of work teams" — as Trollhattan.

The main problem will be to arrange work so as to stimulate, challenge, educated and retain skilled workers, be said. A 10 percent or 12 percent turnover per year, with its loss of skills, can be just as damaging to Saab as a breakdown of a highly complex automated production line.

JURIS KAZA, a journalist based in Stockholm, contributes regularly to the International Herald Tribune,





esearch is to achieve a good action using as little active ingredentas possible:

BASF research workers have succeeded in developing certain .\* on tobormone herbicides which almost halve the amount needed for weed control without, any loss in effectiveness.

"The key to this success isprovided by nature - by natural raw materials and the biotechnofogical processing of them.

Maize, potatoes and cereals yield glucese, which in turn is converted by factic acid bacteria. ingo lagtic acid

This is the building block for the specific manufacture of the biologically active component in certain phytotiomone herbicides

This biotechnological stage is followed by the manufacture of the: end product by conventional chemical processes.

The active ingredients applied so far are compounds which consist of active and inactive compohents, or what scientists call: dextrorotatory and leverotatory

One of the aims of agrochemical molecules. New for the first time bietechnology has made as possible to isolate and produce those molecules which are responsible for the perbicidal

> The result:the amount of phytohomone berbicide applied to the field cañ be almöst halved: +

" This advance means that the quantities stored and applied are smaller, and triat use can be made of naturally replenished raw materials:

This achievement is an example of how biotechnology doveralls with chemistry.

BASE is convinced this is where the tripire lies and is backing its conviction to the filt.

To translate scientific knowledge to an industrial scale is one of the most challenging fasks of our times:

**BASF** research for agriculture: new ideas reveal new perspectives.

BASE Aktienceselischaft - D-6700 Ludwig



### **TechnologyAt Home**



### **Toast of Tokyo:** A Bread Machine

F OR those who have spent hours kneading dough, only to see it shrivel in the oven, Japanese companies are selling an automatic fresb bread machine. Pour water, dry yeast and flour into the top. switch it on and the machine mixes the dough, kneads it and bakes it. Up to four hours later, a fresh loaf appears.

The popularity of the machines, which sell for about 35,000 yen (\$240), has delighted the companies, Reuters reports from Tokyo. Matsusbita Electric sold 150,000 of the small, square machines in the three months after it launched the product in March.

Matsushita plans to double its output of the bread machines to 100,000 sets a month. Funai Electric, an Osaka-based home appliance maker, has sold 36,000 sets since March. Toshiba, Hitachi and Sanyo two weeks ago announced plans to market similar machines.

Matsushita has no immediate export plans, but Funai plans to sell the machines in the United States and Europe by the end of the year.

### PC Price Watch

PUnited States are heading down again. It bappens every spring. But is it a good time to buy?

T.R. Reid and Michael Schrage, The Washington Post's computer watchers, are not so sure. They report that prices for IBM-PC and -XT and clones are falling fast. But they point out that the sharp drop
—\$200 to \$500 for various models of MS-DOS machines — began right after IBM launched its new line. They note that the PS2 (or at least the Models 50, 60 and 80) has made MS-DOS computers obsolete.

A compromise: Some existing MS-DOS computers based on the 80286 microprocessor (IBM PC-AT or Kaypro 286i) or the 80386 (Compaq Deskpro 386) will be able to use the new operating system and may run some of the software.

# Beyond Swatch, Swiss Innovating

By Thomas Netter

ENEVA - Ever since the mass-produced multicolored Swatch sparked a revival of the Swiss watchmaking industry. Swiss watchmakers have been producing more and more watches that bave less and less to do

with just telling you the time.
Using the Swatch and its roaring success as a model and, perhaps, an inspiration, many watch manufacturers from Geneva to the Jura have gone beyond the original mass-produced, plastic-molded cases, rainbow colors, scented wristbands and multicolored designer dials that mark the Swatch and Swatch-clones.

Some watches like Tissot's "Rockwatch" are just that, made of a piece of granite. Others, like "Le Clip," created by an entrepreneur named Michel Jordi last year, stick to the plastic and color formula and clip on ust about anything.

"Flik-Flak," created hy Swatch-maker ETA of Bienne comes in 10 "child pleasing colors" and a cardboard clock that belps children learn to tell time through the use of bands on the watch named Flik and Flak. Undaunted by Le Clip, Swatch has struck back with its "Swissbee," a

holder intended to be more chic than Le Clip's clothespin type design. But all this is mostly in the realm of

watch on a large plastic paper-clip

Avalanche watch.

what they are intended for -with the underlying tendency to be sold in greater and diverse styles and color like shoes or bats.

elties to be worn in different colors

and different outfits, which is exactly

But technology has also gone beyond fashion. Perhaps the most interesting and ambitious gadgets to emerge this year are the "Two-Timer" and "Pop-Recco." One saves time, and the other

can belp save lives.
Pop-Recco is designed to help locate people huried by avalanches. The joint effort of Swatch and a Swedish firm, RECCO A.B. of Stockholm, is basically a Swatch that clips into a small transmitter case worn on the wrist or on a strap around the arm.

Pop-Recco works with a receiver manufactured by RECCO that bas been lent or leased to 17 ski resorts and rescue services in Switzerland, eight in France, eight in Austria and two in Italy. If a person is huried in the snow, the Pop-Recco reflects the signal emitted by rescue helicopters searching the area.

The system saved at least one life last winter, according to Daniel Koch of ETA S.A. in Grenchen, where the Pop-Recco is made. The watch, in different high-visibility colors, sells for 75 Swiss francs (about \$50). The Recco System, as the receiver is called, is not for sale, Mr. Koch says.

Tissot's "Two-Timer." the timesaver, is more mundane, hut has nevertheless been hailed as revolutionary in its production method. The Two-Timer dispenses with a step in the production of the watches that involves separate manufacture of the platine and easing for the movement.

Aside from its nontraditional hlending of an analogue dial face and digital time, date and day readout, the Two-Timer's most thought-provoking element is the insertion of the watch's moving parts into a stamped case. François Niklas of Tissot, a research and development specialist, said that this process cuts the number of parts used by 10 percent, and more importantly, saves from 30 percent to

percent of the manufacturing cost. The Two-Timer is made by the Tissot brand of the SMH group, or Swiss Society for Microelectronics and

Watchmaking Industries, Ltd. SMH is the hybrid of the 1983 merger of the giant ASUAG and SSIH groups under a rescue package arranged by Swiss banks amid sale losses and price cutting by cheaper, non-Swiss rivals profiting from the electronic watch boom.

The Two-Timer, in nine varying "unisex" styles and colors costs 100 Swiss francs.

Innovation does not stop there. This month the "Wind-Watch," invented by Jean-Martin Rufer and manufactured by Guy Cattin of Breuleux, goes on sale for 100 Swiss francs and will allow wind-surfers to gauge the wind speed on land or surfboard. Waterproof and in high-visibility colors, the watch is worn around the neck on a cord.

All these watches are in the lowprice range and have resulted from a deep structural change in the Swiss watchmaking industry that saw employment plummet from 90,000 in the 1970s to 32,000 in 1985. Labor-intensive manufacture of movements has in many cases been replaced by machines and, according to the most recent survey published by the Union Bank of Switzerland, a majority of watchmakers regard their future earning power prospects as favorable to satisfactory.

With 10 percent of world market volume in non-centrally planned economies and 45 percent of the value. Switzerland remains the world's leading exporter.



Inspired by the moon landings, George Daniels, above, created the "Space Traveler's Watch" with old-fashioned technology, his hands. The \$330,000 watch, shown in Basel in April, displays solar and sidereal time, which is based on the rotation of Earth in relation to the stars.

# The Latest in Entertainment: Compact Disc Goes Video

By Beth Karlin

ASHINGTON - Just when you thought you had the very latest in audio-video equipment, you're hopelessly out of date. At least that's what consumer electronics companies want you to believe.

Hot on the heels of the enormous success of audio compact discs, manufacturers now are pushing compact disc video (CDV) as the latest must-have product

The new CDVs are five-incb [12-centimeter) platters that combine short "video-clips" with music. Two types of players have been developed to bandle the CDVs. One works only with the five-inch discs. while the other "combi-player" also handles two bigger discs that feature full-length movies and concerts.

BETH KARLIN a journalist based in Washington, specializes in technology. CHRISTINE CHAPMAN is a journalist based in Tokyo.

CDV players exclusively for the five-incb format will start at about \$500, while the comhi-players will cost more than \$800 in the United States. Both offer compact disc sound and high-quality video.

CDVs were introduced at the Consumer Electronics Show in Chicago in early June. Pioneer began shipping the first products in June, with a European launch planned for fall. Others, including Hitachi, Philips, Toshiba and Yamaha, plan to start selling their prod-

ucts later this year or early next year.

The five-inch version is best suited to MTVstyle videos and, not surprisingly, is aimed at the youth market.

Combi-players, meanwhile, represent an attempt to revive an existing technology - laser discs - that never really got off the ground in the United States and Europe.

"It's old wine in a new bottle," said David Rosen, director of electronic entertainment for Link Resources, a market research firm. This format, popular in Japan, initially failed elsewhere in face of stiff competition from video cassette recorders (VCRs), which use erasable tapes that can be recorded over and over, while laser disc players cannot record. Electronics companies are focusing on the more versatile combi-players. Pioneer, for example, has no immediate plans to introduce a

dedicated five-inch player. The marketing pitch is aimed at connoisseurs who want a complete home entertainment system, including both VCR for recording and comhi-player for classics. "It's for the consumer looking for the best in sight and sound," said Michael Fidler, marketing vice president for Pioneer Electronics (U.S.A.) Inc.

John Messerschmitt, who spearheaded CDV development at North American Philips and is one of the leading proponents of laser disc technology, believes that as many as 700,000 players could be purchased next year. The price will come down," he said. "And the units and discs will get better and better."

But some analysts wonder whether there is a large market for these products, particularly the five-inch model. "The audio portion of the video clips run four times longer than the video," one industry observer pointed out. "It's hard to understand why anyone would pay \$500 to see just a short video elip." And some consumer electronics companies

still have reservations. Sony, for example, showed a prototype in Chicago, but reportedly is still not firmly committed to CDVs.

"The key will be in the availability of discs," said Mr. Elrich of Video Review. "It's a soft-

ware-driven market. At present, there are about 2,000 titles available on 12-inch laser discs and a few hundred eight-inch laser discs featuring concerts and full-length movies.

Capitol, CBS, Polygram and Warner/Electra and other record producers say they are committed to the CDV concept. They plan to introduce more than 250 different five-inch discs between now and Christmas. The video clips will cost between \$6 and \$8 to start.

Record companies, meanwhile, are stepping up production of laser disc movies and concerts, especially classics. "Videos are becoming collectibles," Mr. Rosen said.

Movie companies also are excited about the

resurrection of laser discs via combi-players.

Laser discs are much harder to pirate than VCRs. п

T OKYO — The CLD, or compact laser disc combination player, was introduced in Japan on June 1, priced at 148,000 yen (\$1,050) or about \$250 more than the cost in the United States, Christine Chapman reports. A Pioneer spokesmen said the differential

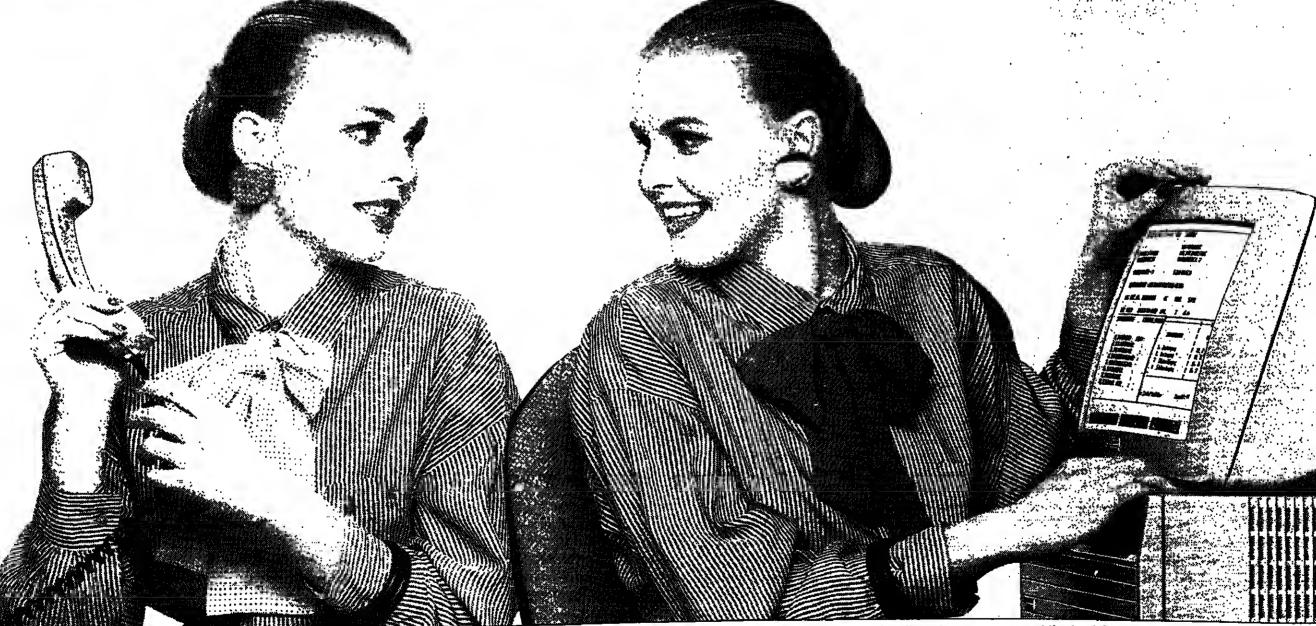
reflects "strategical reasons" and a "different market situation. Hajime Uchida, manager of the European section of Pioneer's international marketing division, said the European version will use a different color system than the U.S. and Japanese models. "We must make small changes in

the system to fit their specifications," he said. To achieve a finer, clear picture, more horizontal lines have been added. A super-refined digital recording is produced by doubling the filter capacity to achieve a higher frequency and less "jitter and noise," according to Pioneer, which credits its "sharp-eyed semiconductor laser."

METTILL)

THE THE

# Nixdorf turns DP and telecommunications into twins



ntil now, they were not even related. UBut through the medium of the Nixdorf Digital PABX System 8818, EDP and telecommunications become part of an integrated in-house information system which permits simultaneous transmission of speech, data, text, and graphics over a single telephone line.

The individual workstation can now be equipped with all of the information and communications components. The result is

up-to-the-minute information, greater flexibility, and increased productivity.

The system is future-proof. In time, it will become part of the international ISDN network. It should come as no surprise that Nixdorf is at the forefront of this important development: One of the first operational digital PABX units in the world was invented by us.

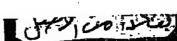
So don't let artificial restraints on your vital information flow hold you back. Pick up your now obsolete telephone, and call us for a PABX System 8818.

Nixdorf is a computer company. But more than that, we are a telecommunications company which is geared for a future in which computers and telecommunications will be fully integrated.

We're working to see to it that you will be ready for that future, too.

Nixdorf Computer AG Fürstenallee 7, 4790 Paderborn West Germany, Tel. 5251/506130

NIXDORF





TUESDAY, JUNE 23, 1987

### INTERNATIONAL STOCK MARKETS

### Bangkok's Bubbly Market Seems Unlikely to Burst

By PATRICK L. SMITH

ANGKOK — There is a sense of dejà vu among local investors in Thailand these days. For many, the stock market's recent performance resembles nothing so much as a two-year boom in the late 1970s, when the exchange's composite index rose to a record 266 and then collapsed when a prolonged speculative fever finally broke.

After years of lackluster trading, the Securities Exchange of Thailand is again on a roll. The SET Index has gained almost 120 percent in the past 12 months, and turnover has shot up at several

on a very solid

percent in the past 12 months, and turnover has shot up at several times that rate, just as it did a decade ago.

Understandably, local buyers are nervous all over again about the relatively high prices stocks are fetching. Most analysts say that this explains the recent pause of the SET Index, which has becaused at them.

which has hovered at about 280 since it reached that level earlier this month.

footing," a Among the world's small securities expert said. newly popular markets, however, it is hard to match Bang-

kok's continuing attractiveness. Despite the market's gains, shares are still cheap by international standards. Solid economic prospects suggest that this time, "there are no bubbles to burst," as one analyst put it. On Monday, the index ended at 288.44, a gain of 6.76 points. Turnover was unusually heavy, valued at 636.93 million baht (\$24.7 million).

"Prices are high from a local point of view," said Udom Vichayabhai, managing director of Mutual Fund Co., a unit-trust affiliate of Industrial Finance Corp. of Thailand. "But they won't

seem that way in one or two years' time."

As in many other Asian markets this year, low interest rates and increased foreign buying have been key factors in Bangkok's performance. Underlying this, however, is an important transi-

tion in the economy as a whole.

Last year Thailand reported its first current-account surplus in more than two decades. After a relatively sluggish economic performance for most of the 1980s, the nation is now braced for three to five years of uninterrupted growth at an annual rate of 5

E MAY BE LOOKING at a modest correction over the next few weeks," said Choedchu Sophonpanich, managing director of Parallel Victoria ing director of Bangkok First Investment & Trust Ltd. "But the economy is on a very solid footing. It's clearly going to push the market further."

Among the exchange's 93 listings, first-quarter earnings per share showed gains of 25 percent or so over the corresponding period last year. Second-quarter reports, which are due soon, are expected to indicate similar gains.

Calculated on an unweighted basis, Bangkok's price-to-earnings ratio is now about 13, compared with 6 or 7 in the years following the boom and bust of the last decade. For the marker's leading stocks, however, it is still 10 to 12, and lower than that for

the most dynamic local corporations.

Reflecting a substantial shift in the economy toward manufacturing and exports, the market has been led so far by textiles, construction stocks and commercial issues. Listed securities companies, such as Thai Investment & Securities Co., or Tisco, have also made large gains.

Banks, which account for almost 40 percent of the market's total capitalization, have lagged. But with many of their high-interest obligations now retired, analysts expect bank shares to rank among the top performers in the second half of this year.

For overseas investors in small markets, Bangkok now poses a familiar problem: getting in. Many of the 10 to 15 stocks around which foreign interest normally centers have reached their legal ilmits for overseas ownership, which is usually between 25 percent and 35 percent of issued capital, depending on the listed

As a consequence, popular blue chips such as Siam Cement, the Saha-Union textile group and Bangkok Bank are command-See BANGKOK, Page.17

**Currency Rates** 

5 D.M. F.Jr. (1.1.
13205 11246\* 23.745\* 0.156\*
41.22 22.728 427 22.708\*
2.949 — 29.945\* 1.285 x
— 29.945 7.283 214.27

0.279 1.807 4.1545 1.333.50

9.857 2.3375 — 4.272 x
24.08 83.12\* 24.91\* 0.1152\*

2.408 83.12\* 24.91\* 0.1152\*

2.7031 2.945 4.7207 1.475.31

2.7408 6.342 7.8302 1.475.31

Other Bellar Values

Currency per U.S.2

Argen, costral 1,712

Austral 3 1,347

Austral 3 1,347

Austral 5 1,347

Austral 5 1,347

Austral 5 1,347

Austral 5 1,346

Beto, fin, fr. 3744

Berozii cruz, 41,51

Conodien 5 1,335

Conodien 5 1,335

Conodien 5 2,335

Conodien 6 2,1877

Conodien 6 2,1877

Conodien 6 2,1877

Conodien 1 2,546

Kowolti diner 0,2523

Maityr, rins. 2,5205

United States

1509. Clasins in London and Zurich, flukes in other European centers. New York rates at 4 P.M. (a) Commercial trans (b) Amounts needed to buy one sound (c) Amounts needed to buy one

F.F. 18.L. Gldr. B.F. 2.745\* 0.156\* ---- 5.455\* 4.271 2.8708\* 18.401 ---- 5.425\* 9.775\* 4.826\* 9.7815 2.115.90 2.3058 68.85 214.37 ---- 44.30 2.3055 38.28 4.22 \*\*- 24.15 11.23\* 7.382 387.25\* 24.91\* 0.1152\* 7.382\* 2.702\* 24.908

Accordance of U.S.S Mex. Pean 1,322,00 N. Zestend 8 1,572 Nig. nature 3,704 Norw. Insent 4,729 Phill. Pean 20,00 Port. escude 1,4240 Soudi riyet 3,7304 Sing, 8 2,122 S. Afr. rand 2,00144

### Saatchi To Merge Agencies

New York Firm Will Be Biggest

Compiled by Our Staff From Dispatches NEW YORK. — Saatchi & Saatchi Co. said Monday that it will merge its Dancer Fitzgerald Sample Inc. unit with Saatchi & Saatchi Compton Inc., creating the largest advertising agency in New York.

It said the resulting agency would have combined billings of \$2.3 killion in the United Street.

\$2.3 billion in the United States. The long-awaited merger strengthens the position of Saatchi, which has a total \$4 billion in billings, as one of the top three ad agencies in the world, along with Dentsu of Japan and Young & Ru-bicam of New York.

The merger will create a global operation that will be called Saatchi & Saatchi Advertising World-wide. The New York division will be known as Saatchi & Saatchi DFS Compton Inc. and the U.S. domestic holding company as Saatchi & Saatchi Compton DFS Ad-

Saatchi & Saatchi said the new company's clients will include Procter & Gamble, RJR Nabisco, General Mills, New York Life and Toyota, among others.

It said Edward L. Wax, formerly president of Saatchi Compton, will be president of the new New York company, and Gary M. Susnjara, formerly chairman of Dancer Fitzgerald, will be chairman.

At Saatchi & Saatchi Advertising Worldwide, Stuart B. Upson of DFS and O. Milton Gossett of Compton will be co-chairmen and co-chief executives.

Saatchi & Saatchi, the Britishbased parent company, is the world's largest advertising agency holding company, followed by the Interpublic Group of Companies, Omnicom, and the JWT Group.

Saatchi & Saatchi merged Dancer Fitzgerald with its Londonbased Dorland Advertising Agency

(Reuters, AP, NYT)

BBC Pays Libel Damages The British Broadcasting Corp. agreed Monday to pay an undis-closed sum in libel damages for reporting that Britain's Conservative Party dropped Santchi & Santchi as its advertising company in the last week of Britain's election campaign, The Associated Press reported from London.

**Has Interest** 

### American Slated as Jardine's Tai-Pan Old-Line Hong Kong Trading Company Taps New Blood

By Nicholas D. Kristof New York Times Service

HONG KONG - It is not power so much as magic that swirls about the tai-pan, or "big boss," of the Jardine Matheson group — a legacy of opium and intrigue that goes with being the head of Asia's famous trading company. Chronicled as Struan & Co. in James Clavell's novels. Jardine is more than an internanonal conglomerate; it is a leg-

At least nine streets in Hong Kong are named for tai-pans at lardine, a 155-year-old business that dealt in opium and silk in the last century and deals in evcrything from ice cream to investment banking today. The tai-pan of the Noble House —or the Princely Hong, as Jardine is also known — inherits the mantle of William Jardine, the first tai-pan, a shrewd Scotsman nick-named by the Chinese "ironbeaded old rat."

Most of the Jardine tai-pans come from the same family tree, serving in Hong Kong before re-tiring to London or the family estate in Scotland. So Hong Kong was surprised at the ancoment that a 37-year-old American investment banker. with just 14 months' experience at Jardine, is set to become its next lai-pan.

Brian M. Powers is 6 foot 2 inches (1 meter 84 centimeters), sandy-haired with a hint of gray. and looks a bit too affable to be tai-pan. He talks fast, with ideas, quips and analyses flying through the air like shotgun pellets. And for years - ever since his first job at a New York law firm - he has set himself apart from others with his long workdays, even in offices where lengthy hours were the norm.

Last fall, during negotiations on a Jardine sale of some of its U.S. oil interests, he flew to San Francisco for the day to try to get a better price — a move that worked and that impressed the man who counts most at Jardine: Simon Keswick, the current taipan and a distant relative of William Jardine.

"People in Hong Kong think they work very hard," Mr. Kes-wick said in his office 48 floors above Hong Kong's bustling central district. "I think Brian has demonstrated that people in New York work even harder." And so the 45-year-old Mr.

Such a fund would have merit as

ments will be successful "unless the

market is convinced that the exist-

ing disequilibris in the world major economies are now being reduced."

His suggestion came at a confer-

ence dominated on its opening day

Keswick (procounced KEHzick) announced earlier this month that he would relinquish his position of managing director inherit the Mount Kellett Road



Jardine when chosen to be its new managing director.

of the Jardine companies to Mr. home, as well as the tai-pan's Powers. Mr. Keswick will remain second residence at Sbek O, as chairman, but, he says, he will spend more time outside Hong long. He calls Mr. Powers the "heir-elect," and says he already regards Mr. Powers as tai-pan. That may be a bit premature,

The business style is different. The Brits are much more civilized than Americans.'

- Brian M. Powers

but the expectation, within Jardine and without, is that moving vans will appear sometime over the cext year or so at 35 Mount Kellett Road, the residence of the tai-pans, on the Peak on Vic-toria Island. Mr. Keswick, it is said, will retain the title of chair-man from London, just as his uncle, Sir John Keswick, did two

decades ago.

Mr. Powers will presumably

along the water. He apparently will also assume a seat on the board of Hongkong & Shanghai Banking Corp. and the coveted position as steward of the Royal Hong Kong Jockey Club.

But most of all, there is Jardine to command. As managing director, Mr. Powers will bead up a network that sells cognac in Japan, operates the renowned Oriental Hotel in Bangkok; runs Pizza Huts in Hawaii and 7-Eleven stores in Malavsia; oversees ship management in the Pacific. construction in China and investment banking throughout

The empire - with 1986 revenues of \$1.3 billion and after-tax profits of \$61 million - employs 61,000 people in 22 countries and includes Jardine Matheson Holdings, Jardine Strategic Holdings and controlling interests in Hongkong Land Co., Mandarin Oriental Hotel Group, and Dairy Farm International

To this may be added some large U.S. company. Mr. Powers says the group is looking for ac-See JARDINE, Page 19

See BANKS, Page 19

# **EC Broadens Dumping Duties** To Cover Parts

LUXEMBOURG - The European Community on Monday ex-tended its anti-dumping duties on imports to cover parts assembled in the EC, a move designed to prevent manufacturers from circumventing

The community's 12 foreign ministers, meeting in Luxembourg, unanimously agreed to impose du-ties if the value of the imported parts of a product assembled in the EC exceeds 60 percent of the total

The legislation will make it harder for companies to avoid duties by setting up European plants, said the EC's external trade commissioner, Willy de Clercq.

These so-called "screwdriver operations" bave been severely criticized because they use virtually no European parts.

Diplomats said the move showed that the EC was growing more frus-trated with South Korean and Jap-anese companies, although EC offcials said the measures would apply

to all foreign companies.

They said that items most likely to be affected would be photocopi

ers, electric typewriters and scales. The new legislation will affect only goods against which antidumping action has already been taken. EC officials said.

Goods produced at plants linked to companies already identified by the EC as having dumped goods — sold them at artificially low prices - would be subject to duty at the

The new measure capped months of lobbying by EC makers of consumer goods.

They argued that Japanese and South Korean producers of electronic consumer goods, in particular, had avoided duties by assembling their products in EC nations such as Portugal, Greece and Ireland, where labor costs are relative-

These nations bad expressed fears that extending anti-dumping levies to EC-assembled components could cut investments.

But Mr. de Clercq said, "This measure is not aimed at investments and is surely not against for-

(Reuters, AP)

### **Court Leaves Bank Role** In U.S. Securities Intact

Supreme Court, refusing Monday to become involved in a bitter dispute between bankers and the securities industry, let stand a ruling that banks may act as middlemen in the sale of commercial paper.

The court, without comment, left intact rulings that the banks are not treading illegally in the securities industry by dealing in large-denomination corporate fOUs.

The lengthy legal battle began in 1979 when the Securities Industry Association, a trade group of underwriters, brokers and securities dealers, challenged a decision by Bankers Trust Co. of New York to enter the commercial paper field. Commercial paper is issued by

corporations in need of quick cash, The corporation contracts with an institution such as a pension fund, issuing an unsecured promissory cote with a maturity of less than nine months and a set interest rate cial paper itself or underwriting the in return for cash.

Such transactions have tradi-

tionally been handled by invest-WASHINGTON - The U.S. ment bankers, who receive a commission. As the business boomed, with outstanding commercial pa-per rising from about \$15 billion in 1966 to about \$300 billion in 1986, banks lost the loan business, and then sought to enter the market.

The Federal Reserve Board approved the activities of Bankers Trust, ruling that commercial pa-per is not a "security" under federal banking law. The Supreme Court in 1984 overruled the Fed on that issue, but did oot ban banks from dealing in commercial paper.

Instead, the justices sent the case back to the U.S. Circuit Court of Appeals bere for further study. The appeals court ruled in December that the banks may deal in commercial paper, even though the IOUs can be considered securities.

The appeals court coted that Bankers Trust does not expose itself to risk by purchasing commersale of commercial paper.
(AP, UPI)

#### N.Y. Group Japan Backs 'Buffer' Currency Fund By Carl Gewirtz tem of floating exchan ge rates re- al set of rules for private bank flects, not causes, the problems," conduct and volume trade in the International Herald Tribune HAMBURG — Japan's vice said Walter Scipp, chairman of foreign exchange markets." Limiter of finance suggested Mon-Commercial AG of West Ger-The recommendation, he minister of finance suggested Mon-The recommendation, he admitday that the leading industrialized ted privately, was difficult to make In a speech, Finance Minister nations consider setting up an in-ternational buffer stock of curren-"in an audience like this," com-Gerhard Stoltenberg of West Gerposed of senior executives of 109 of cies as an additional means of stathe world's largest commercial

In Harcourt WASHINGTON --- A group led by Mutual Shares Corp., a New York investment firm, said Monbilizing exchange rates. Such a fund would be employed day that it had acquired stock and in much the same way that buffer

In a filing with the Securities and Exchange Commission, Mutual Shares and a group of affiliated funds said that they held 180,500

Ceryancy Per U.S.S S. Korr. wos ETIA9 Seviet rubite 0.5247 Seviet, present 126.53 Seviet, kronor 3.750 Tolyanna 3 71.08 Theil belte 25745 Torkitish Ren 2.6258 Venez, beltiv, 28.70 shares of common stock and 11,200 subordinated debentures. They said that the debentures might be convertible into 11.2 million Harcourt common shares at \$1 a share. The disclosure meant that 58

percent of Harcourt might already be accounted for, and further complicated Harcourt's effort to resist a hostile takeover by Robert Maxwell, the British publisher.

Salomon Brothers Inc., the U.S. securities firm, told the SEC last week in a filing that it held 21,978 debentures that could be converted into 21.978 million common shares,

or 35.8 percent of Harcourt. Harcourt is arguing in a Florida court that conversion rights on the debentures, each of which has a \$1,000 face value, expired on June 8. Hearings opened Monday in Orlando on the case, in which both Salomon and the Mntual Shares

group have intervened. Even if the court rejects Harcourt's claim, the Mutual Shares stake could amount to less than 22.5 percent because of dilution that would occur if other debenture holders also converted to common

The debentures are crucial to a \$3 billion "poison pill" recapitaliza-tion plan designed by Harcourt to thwart Mr. Maxwell's bid. On Wall Street, traders said Monday there was concern that the Florida lawsuit might result in a modification

Harcourt rejected a \$2 billion bid last month from Mr. Maxwell's British Printing & Communication Corp. After Harcourt announced its recapitalization, Mr. Maxwell withdrew his offer, but filed suit in U.S. District Court in New York to block the plan. Mr. Maxwell's suit argnes that the recapitalization plan is illegal

See HARCOURT, Page 17

many said that steps taken so far to coordinate policy had succeeded in calming the markets. "We cannot, however, be content with what has

subordinated debentures in Harstocks are used by commodities
court Brace Jovanovich Inc. that producers to smooth out price
could give it a potential 22.5 percount stake in the U.S. textbook need for more effective economic
the U.S. budget deficit and Japan policy coordination by the major to do more to open its financial countries, the official. Toyoo markets. He said that all countries Gyohien, told leading central and should look again to see what else commercial bankers attending a could be done, but outlined no additional steps his own government three-day monetary conference was willing to take.

"We can't be more expansionary" beyond undertaking the tax cuis previously announced, be said. a mechanism "to cope with unpre-

dictable emergencies or unjustifiable volatilities," Mr. Gyobten Richard Cooper, an economics professor at Harvard University, argued that the present floating-rate system is not sustainable and Because of the buge size of foreign exchange markets, where up to \$150 billion can be traded in a day, such a fund would need at least

Mr. Cooper said that the fre-\$100 billion to be effective, be addquent, long periods of misvaluation were creating an "intolerable" im-pact on nonfinancial businesses. But on that scale, intervention

could "alter the money supply in respective economies and influence "Businessmen will want insulanon from exchange-rate variability, the price of their currencies," be which introduces a capricious element into decision-making," be Mr. Gyohien emphasized, how-ever, that no stabilization arrange-

"We should begin to think seriously about where we really want the international monetary system to go, because it is going to move someplace else whether we like it or not," he added.

An ever-increasing share of commercial banks' profits are derived moil and its effect on world investfrom foreign exchange trading. The only discordant note sounded at the conference was a remark by Jan Among the day's speakers, there was unanimous agreement that the conference was a remark by Jan currency instability resulted not Ekman, vice chairman of Svenska Handelsbanken. from the floating rate exchange Mr. Ekman suggested that banksystem, however, but a mismatch of

tional economic policies.

ers discuss "the need and possibilities for establishing an internation-

A truly European idea!

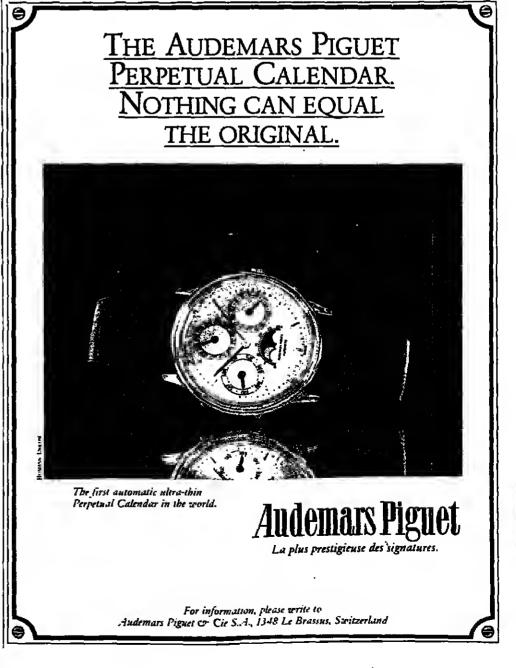
UNICO INVESTMENT **FUND** 

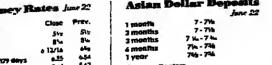
national economic policies.

The Unico Investment Fund is on international band fund, based in Luxembourg and created sight years ago by six leading European banks.
Since then the value of the certificates of the more than doubled. Average yield p.o. since the beginning 11.2%.

 Average yield over the last 5 years 83.1%.
 Issue price on June 19, DM75. Quoted at the Stock Exchanges of Amsterdam, Luxembourg and Vienna UNCO INVESTMENT RUND 218, route de Longwy, 1-1940 Lus Tel: 352,452706, Telex 60371.







**Interest Rates** 

**Gold** 

because it contains a special distribution for shareholders that ex-

Optimism Runs High On Sale of U.S. Notes

NEW YORK — Yields oo U.S. Treasury securities may have to rise to attract buyers at this week's refunding, but the dollar's steadiness and a lack of supply until August could help entice the customers needed to distribute the new issues, analysis said.

The Treasury is set to auction 59.75 billion of two-year notes on Tuesday, \$7.5 billion of two-year notes on Wednesday, and \$7 billion of seven-year notes on Thursday. A chronic lack of retail buying has caused concern that dealers may have to absorb most of the issues.

may have to absorb most of the issues.

The new supply is a hurdle that may spur higher yields, but this should be seen as a buying opportunity, said Phil Braverman of

Irving Securities.

He said that the two- and four-year notes should interest banks, which have been experiencing weak loan demand, while a spread of nearly 5 points between the seven-year note and comparable Japanese securiues could also spur

CC

₽€

ďε

pr

eq

Economists at Salomon Brothers Inc. wrote in the firm's international market roundup that the latest Japanese survey data indicate that the widening of interest rate differentials between the United States and Japan has helped to attract renewed flows of private capital into the U.S. debt market. This trend along with market U.S. debt market. This trend, along with market perceptions the U.S. external trade position is improving, should keep the dollar underpinned

NISE Highs-Lows

LDWS 11

AVIEY Highs-Lows

NEW LOWS 11

Aug Sep Oct Hav Dec Jan Feb Mar Vol

Oslo Presses Talks On Sanction Threat The Associated Press

OSLO - Norway's defense min-ister will meet with officials in Washington to discuss threatened trade sanctions against Oslo for exporting high-technology equip-ment to the Soviet Union, the Forcign Ministry said The announcement Sunday said

Defense Minister Johan Jorgen Hoist and Trade Secretary Karin Stoltenberg would discuss investigations under way in Norway with U.S. legislators who are seeking to have sanctions imposed.

The investigations focus on ex-

ports of computers by the state arms company Kongsberg Vanpen-fabrikk to the Soviet Union to run machines that manufacture silent submarine propellers.

Today 72.75 1.17 0.77% 212.00 0.37 0.38 6.845 473.00 4.1724 0.47-48 S&P 100 Index Options US. Treasuries 

Continental Bank **London Metals** Raises Loss Reserve

CHICAGO — Continental III; nois Corp. said Monday that it will add \$500 million to its loan-loss reserve in the second quarter, and expects a net loss of about \$470 million in the period

capects a net loss of about \$470 million in the period.

The bank holding company said it expects a loss of about \$300 million for the full year. The reserve was boosted because of problem loans in certain less developed. was boosted because of problem loans in certain less developed countries, said the bank, which in 1983 nearly collapsed because of problem loans in the energy sector.

Separately, Continental said it will restate its earnings for 1983 through 1986 because of a real estate transaction recorded in 1983.

**DM Futures** Options

CUMPUTER

PS5.00 P60.00 957.00 955.00 P60.00 957.00 940.00 945.00 P33.00

Munk

A TARE

### Akzo NV Agrees to Buy Stauffer Unit From ICI

By Ronald van de Krol ecial to the Herold Tribune ARNHEM, The Netherlands -Alizo NV, the Dutch chemical and Stauffer has changed hands since man-made fibers group, said Mon-day that it had agreed to buy Stanffer Chemical Co.'s specialty chemicals business from Imperial Chemical Industries PLC of Britain for \$625 million.

### Daihatsu Motor Asks Official Aid In Polish Deal

TOKYO — Four Japanese companies, led by Daihatsu Motor Co., have asked the government to support a Polish auto manufacturing project that reportedly would cost 100 billion yen (\$704 million), the Ministry of International Trade

and Industry said Monday.

MITI said it told the group
that support would be difficult because creditor countries have not decided what to do about Poland's \$33.5 billion foreign debt. The group includes three trading firms, Mitsui & Co., C. Itoh & Co. and Sumitomo

Corp.
The Nihon Keizai newspaper reported Sunday that under an agreement to be signed later this year, Poland's national automaker, FSO, is to assemble 3,000 of Daihatsu's compact cars a year beginning in 1988.

Later, the Japanese government would supply loans to build an integrated automobile plant capable of producing 120,000 cars a year beginning in 1992, Nihon Keizai said.

Co. berated foreign companies

enough effort into entering the Japanese market" is "doubtful," Yo-

shio Takeuchi said in an interview.

government and the airport author-

lucrative project near Osaka, which

is to be completed in 1993.

Several countries, led by the United States, have charged the nese."

and its trading partners.

The transaction, to be completed next month, marks the third time that all or part of U.S.-based

Unilever, the British-Dutch food and consumer products group, acquired Stauffer as part of its \$3.1 billion akeover of Chesebrough-Pond's Inc., the U.S.-based phar-

maceuticals group, in late 1986. Earlier this month, Unilever re-couped more than half of the Chesebrough-Pond price by selling Stauffer to ICI for \$1.69 billion. ICI made clear that it was buying Stauffer for its herbicides and other

agrochemicals, and would sell the specialty chemicals division. Akzo said the acquisition would expand its presence on the U.S. market, add to its range of specialty chemicals worldwide and boost re-

search activities. Stauffer's specialty products include high-performance lubricants, flame retardants and catalysts.

An Akzo spokesman said Stanffer's specialty chemicals business had consolidated revenue of \$325 million in 1986, plus a 50 percent share in joint ventures with total revenue of \$135 million.

The Stauffer division has a research center and six production plants in the United States, as well as activities in France, Japan, Argentina, West Germany, Belgium, Brazil, Australia and Canada.

Akzo's own chemical product division, which includes basic and specialty chemicals, accounted for about a quarter of last year's group revenue of 15.6 billion guilders (\$7.6 billion at current rates).

In March, Akzo's chairman, Aarnout Loudon, said the compa-ny aimed to raise its level of U.S. investment to at least 20 percent of

assets to 19 percent. Japan Airport Chief Rebukes Foreign Firms

OSAKA, Japan — The president not expect Japan to change to meet of Kansai International Airport their demands," he said.

"The Japanese put forth a lot of

"But foreign companies did not

penetrating the Japanese market,"

he said. "Some even believed they

could enter the local construction

market without speaking Japa-

Mr. Takeuchi last week rejected

teams and bidding procedures for

"Unlike American firms, we

# Marriott, Pritzkers Said to Pursue Allegis Buyout

By Sharon Warren Walsh

Washington Past Service
WASHINGTON — Marriott Corp. and Chicago's Pritzker family have been pursuing a joint buyont of Allegis Corp., the parent company of United Airlines, Hertz Corp. and the Westin and Hilton International botel chains, according to sources close to the ne-

If they succeeded, the two interests would be likely to divide the Westin and Hilton International properties between them and sell off the airline and the car rental company, according to financial sources. Marriott is

ny, according to financial sources. Marriott is a hotels and foods group, and the Pritzkers own Hyatt Hotels Corp.

The cost of such a takeover has been estimated by analysts at about \$7 billion. By buying all of Allegis and selling off the non-hotel properties, Marriott and the Pritzkers would probably get the hotels for a better price than by bidding for the hotels separately, sources said.

ly, sources said. The board of Allegis, which formerly was UAL Inc., said on June 10 that it planned to

sell the company's rental car and hotel sub-Terry Souers, a spokesman for Marriot, said Monday: "We are currently having no

discussions regarding Allegis." But he said that, "under the proper circumstances," Marriott would be interested in acquiring the travel conglomerate's hotel

Mr. Souers would not say whether Marri-ott had talked in the past with Pritzker representatives about Allegis.

However, industry sources asserted that Marriott and the Chicago-based Prizzers International, and Japanese and British had been involved in discussions for Allegis

as recently as last week. Allegis's shares closed Monday at \$90,375, up 12.5 cents, on the New York Stock Exchange. Marriout also closed higher, at \$42.875, up 12.5 cents.

Marriott, based in Bethesda, Maryland, reported sales of \$5.3 billion in 1986. Last year it bought rival Saga Corp. for about \$700 million and recently has been negotiating to buy Residence lnns and the Denny's Inc.

restaurant chain. Asked whether the Pritzkers were discuss-

ing a joint bid with Marriott, Darryl Hartley-Leonard, president of Hyatt Hotels Corp., said: "If that's true, I don't know it." Representatives of Allegis could not be reached for comment.

The Pritzker family, which also owns Braniff Airlines, began 10 buy a stake in Allegis several months ago, at about the time United's pilots union put the company into play by proposing to huy United for \$4.5 hillion.

Spokesmen for the union have said they will continue to try to huy United Airlines, and sources said Sunday that both Marriott and the Pritzkers would want to sell the Representatives of the pilots union could

not be reached for comment Sunday. A second group of Allegis employees has also drawn up a plan to acquire United Airlines as an alternative to the pilots' bid.

A large number of huyers, including Hilton

groups, are said to be interested in Allegis's Analysis bave estimated that the two

chains, which have been consistently profitable, are currently worth about \$2 billion. Both Hilton International and Westin are valuable for their real estate as well as for

Donald Trump, a New York real estate developer who owns a small amount of Allegis stock, has reportedly said that New York's Westin Plaza alone would be worth \$750 million if it were turned into condominiums.

Marriott, which has 13 hotels outside the United States, has long been interested in expanding its international presence. Industry sources have said that the Westin hotels in Japan, Canada and Hawaii are of particular interest to Marriott

Marriott currently owns more than 200 botels and resorts, while Hyari Hotels Corp. operates 80 hotels in the United States, Canada and the Caribbean. Hyatt International, a

separate company, and its subsidiaries operate 41 hotels in 25 other countries.

Allegis Corp. became a diversified travel services company under Richard J. Ferris, who was forced to resign as chairman on June 9. The company's new chairman is Frank A. Olson, former chairman of Hertz Corp. The Allegis board has said it hopes to sell

off the parts of the company in a way that would maximize the company's value to shareholders. Mr. Ferris had opposed splitting up the conglomerate.



#### DISTRIBUTION OF FREE STOCK PURCHASE WARRANTS

On June 22, 1987, the Board of Directors of Accor voted to distribute to Company shareholders one free subscription warrant for each share held. Company shareholders one free subscription warrant for each share beld. Ten warrants give right to subscription to one ACCOR share at the price of F.Fr. 625 before November 30, 1989 or F.Fr. 700 between December 1, 1989 and November 30, 1990. The warrants have received the visa (No. 87-218) of the French Stock Exchange Commission (Commission des Opérations de Bourse) and will be listed on the Paris Bourse.

Until November 30, 1990, new shareholders through exercise of 1985 C warrants held or through conversion of the French francs 1983 convertible debentures or the U.S. dollar 1984 convertible debentures are eligible

After November 30, 1990, the rates of conversion of debentures into shares

will be adjusted.

This free issue is a consequence of the rocent strengthening of Accor's ahareholders' equity and should give both actual and potential shareholders a letter opportunity to participate in Accor's expansion, while providing additional funds to finance the company's growth.

Today Accor is one of the world leaders in the hotel and restaurant industries with 600 hotels and more than 70,000 rooms, and 2,000 restaurants in 60 countries. The Group is also the world's leading issuer of service

ACCOR, a world of new perspectives.

# Toshiba Corp.: 'We're Not Toshiba Machine'

TOKYO - Toshiba Corp. sought to distance itself Monday from a subsidiary accused of selling high technology secrets to the Sovi-

"We would like the U.S. government to understand that Toshiba and Toshiba Machine are differ-

The Akzo spokesman said the Stauffer takeover would raise U.S. ent," a Toshiba spokesman said. "They may look the same from

fore do not intend to include for-

eign or any other outside firms in

In the interview, Mr. Takeuchi

said that English or German-

speaking technicians could not suc-

ceed if they could not speak to

"Some foreign people have splendid ideas, but with loop-holes," he added. "At present, I

think the Japanese are comparatively skilled."

But Mr. Takeuchi said that for-

eign companies would be given a

fair chance to win construction

"If the foreign companies are in-

telligent, offer good products at low prices, we will welcome them,

he said. "It's silly to limit the work

Earlier this month, Kansai Inter-

contracts for the airport.

Japanese construction workers.

our design teams."

Japanese markets. "They should engineers," he told S. Bruce Smart

the outside, and there is a stockholding relationship, but the management is completely separate."

A U.S. deputy assistant defense secretary, Stephen D. Bryen, said last week that the Defense Department had stopped approving new military contracta with Toshiba Corp. because of Toshiba Machine Co.'s alleged transfer of advanced

OLD GREENWICH, Con-

necticut — American Brands Inc. said Monday that it has agreed to acquire ACCO World

Corp., a maker of office prod-

ucts, in a transaction valued at

Under the agreement, Ameri-

can Brands will soon begin a

tender offer of \$29 for each

ACCO share. The announce-

ment pushed up ACCO shares

by \$4.875 on the New York Stock Exchange, to \$28.375.

producer of cigarettes and liquor with its own office prodncts subsidiary, said the tender offer is conditional upon selling

the stapling product line of

ACCO and two minor office

American Brands, a leading

more than \$600 million.

submarine technology to the Soviet Union in 1983 and 1984. The ban could cost the parent company hundreds of millions of dollars in electronics business with

the Pentagon. Toshiba Corp., which owns 50 percent of Toshiba Machine, has already forced Toshiba Machine's president and four other senior of-ficials to resign.

### FOREIGN & COLONIAL RESERVE ASSET FUND DOLLAR BONDS MALTICURRENCY BONDS STERLING BONDS DBJTSCHMARK BONDS £11.95

\$14.22 YEN1349.00 U.S. EQUITIES \$12.62 £10.21

TBL 053477471 TBLEX 4197063 FOR OTHER F & C FUNDS, SEE INTERNATIONAL FUNDS LIST

We are pleased to announce the election of

### EUGENE J. SULLIVAN

as a member of our Boards of Directors

### American Brands In \$600 Million A : U.S. DOLLAR "CASH" B : MULTICURRENCY "CASH" Offer for ACCO

YEN BONDS LECU BONDS STERLING EQUITY N : JAPANESE EQUITIES O GLOBAL FOUTUES

X : STERLING COSH

Z : GOLD

FOREIGN & COLONIAL

MANAGEMENT (JERSEY) LIMITED

14 MILLCASTER STREET, ST. JELBER, JERSEY, CL.

THEY, 4197063

DCNY CORP. DISCOUNT CORPORATION OF NEW YORK

58 Pine Street, New York, N.Y. 10005

# But Mr. Takeuchi said it was up to foreign companies to adapt to have a large number of in-house **HARCOURT:** Potential Stake

Monday for not trying hard enough effort in trying to export," he addto win contracts for the \$8 billion ed. "They strive bard to overcome

construction project, which is a language, culture and other differences.

"Whether Americans are putting seem to put as much effort into

ity with shutting them out of the U.S. calls for changes in the design

the project.

(Continued from first finance page) failed to file documents with the ceeds Harcourt's available funds

Securities Corp., and contests the shares of Harcourt common stock. June 8 conversion date for debentures as coercive and deceptive.

In a counterclaim filed Monday in New York, Harcourt alleged that British Printing failed to make disclosures required under federal securitics laws.

Harcourt said that British Printcompany's majority shareholder, over of another company if ries out its recapitalization.

(Continued from first finance page)

ing substantial premiums to their

listed prices in off-market trades

Similarly, the Bangkok Fund,

which is listed in London, and the

Thailand Fund, listed in New

York, are both selling at 30 to 40

percent above net asset value, as-

uning that a seller can be found.

you can still buy stock," said Marcompany.
shall Auerback, director of G.T.
While the

among foreign buyers.

to Japanese firms." national awarded consultancy con-SEC on their stake in Harcourt.

The counterclaim noted that British Printing is arguing in the Harcourt from issuing super voting breference stock to First Boston tures into more than nine million tures Rumors, meanwhile, continued

in London that Harcourt was planning a takeover of Reed International PLC, the British paper and printing company. Harcourt has refused to com-

ment on the rumor. Traders in New York said they were skeptical of the Monday. report because it would be difficult ing. Mr. Maxwell and the British for Harcourt to finance the takeover of another company if it car-BANGKOK: Boom Stirs Déjà Vu

problem. G.T. now has positions in 20 Bangkok shares, according to

Mr. Anerback, substantially more

than would bave been the case only

Among the choices in this cate-

gory are Saha Pathana Interhold-

mgs, a consumer-products group;

Dusit Thani, a solid hotel listing

that may be expanding its activities; and National Finance & Secu-

While these issues still represen

a year or two ago.

#### product lines of American Brands. tracts to airport authorities from Britain, France, West Germany and the United States.

who runs the Olivetti SpA and Builast year, informed sources said

Milan investment bank, Euromobiliare SpA, and would acquire a minority interest in Mr. Benedetti's main industrial holding company, CIR.

The sources estimated the cost of

able for comment, but a spokesman

consolidate an alliance first struck last autumn that gave M. de Benedetti minority stakes in two major companies in the fast-expanding The men, two of Italy's most pow- Ferruzzi agri-industrial group.

### erful industrialists, would also form

MILAN — Raul Gardini, of the a jointly owned financial services company in which Euromobiliare groups, and Carlo De Benedetti. toni SpA groups, are planning to Mr. Gardini's Euromobiliare pur-bolster a business alliance forged chase at 18 billion line (\$14 million).

The sources said Mr. Gardini said Mr. de Benedetti might make a would take about half of Mr. de statement on Tuesday when he ad-Benedeth's 19 percent stake in a dresses Olivetti shareholders.

Ferruzzi officials were not avail-

The plan, if confirmed, would

LEVERAGED CAPITAL HOLDINGS N.V.

Curação, Netherlands Antilles

Notice of Annual General Meeting of Shareholders

Notice is hereby given that an Annual General Meeting of Shareholders of Leveraged Capital Holdings N.V. has been called by the Manager, Intimis Management Company N.V.

The Meeting will take place at the offices of the Company, John B. Gorsiraweg 6, Willemstad, Curação, Netherlands Antilles on 16th July, 1987 at 10.00 e.m.

The Agenda includes, inter alia, a proposal to amend the Articles of Incorporation of the Сотрапу.

The Agenda, the proposed amendments and the Annual Report for 1986 mey be obtained from the offices of the Company or from the Paying Agent mentioned hereunder.

Shareholders will be admitted to the meeting on presentation of their certificates or of vouchers, which may be obtained from the Paying Agent ageinst delivery of certificates on or before 10th July, 1987.

Willemstad, 23rd June, 1987. INTIMIS MANAGEMENT COMPANY N.V.

Paying Agent: Pierson, Heldning & Pierson N.V. Herengracht 214

# Global investment strategies for individuals.

Major institutional investors have long been aware of Goldman Sachs' exceptional capabilities in developing and implementing sophisticated investment strategies.

But now, a growing number of individuals are also discovering how the same capabilities can help them take advantage of opportunities in the world's financial markets.

To develop their own customised strategies, all our clients can draw on a world-scale research effort. It encompasses equities, fixed income and money market securities, Eurobonds, currencies and economic trends generally.

Because Goldman Sachs is a member of the major exchanges in the U.S., the U.K. and Japan, we can execute your strategy globally. We also assist in developing sophisticated hedging strategies to manage risk and enhance portfolio performance.

If you are an individual investor, and the value of your portfolio is equivalent to \$1 million or more, we'd like to introduce ourselves with a copy of our Monthly Research Focus.

Contact:

William Landreth, Partner Goldman Sachs International Corp. S Old Bailey London EC4M 7AH. Tel: 01-489-220S.



### sucs, in which supply is less of a 1986 to 390. U.K. Airport Authority Stock To Be Sold on a Tender Basis

"If you're willing to be patient, rities, a brokerage and finance

Snan Auerosack, director white these issues san represent Management (Asia) Ltd. "But it is value in the Bangkok market, all of a matter of moving slowly, accu-mulating a little bit at a time." value in the Bangkok market, all of them have at least doubled in price this year. National Finance & Se-

As in other small markets, for- curities, whose outlook is largely eign institutions are also branching dependent on the market itself, has

out into second- and third-tier is-

LONDON - The government al investors. Most of that stock is to be sold at a fixed price, which is to be announced on July 8. This is how investors the opportunity to make individual sender offers for some of

£1 billion, or about \$1.61 hillion. It is the latest in Prime Minister Margaret Thatcher's program to sell off billions of dollars worth of state-owned assets and to get more states into the hands of the British public. Most recently, the govern-ment sold Rolls-Royce, the airplane engine maker, and British

shares to the public and institution

highest bidders who must offer to

applications above that price. nimes oversubscribed and investors nmes oversubscribed and investors haven't been able to buy as many plans to offer a total of 500 million shares as they have wanted.

Most of that stock is to be sold at

the stock.

The sale of BAA, formerly known as British Airports Anthority, is expected to raise more than £1 billion, or about \$1.61 billion. pay at least the same amount as the

fixed price. The government will set a secret cut-off price and will accept in full Previous sales have been many

Di

CC gr ₽E

ď€ ph

eq



25/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

35/0 + 30

37/0 + 30

37/0 + 30

37/0 + 30

37/0 + 30

37/0 + 30

37/0 + 30 Floating-Rate Notes Enrichmer Fin En 1979
Estat River Alapse
Estat State (Allashy)
Furrowin Russ
Financia State (Allashy)
Furrowin Russ
Final Bash State (State State Sta Stand Churt Person
Stand Churt Person
Stand Churt Person
Stand Churt Person
Stands Stands Stands
Stands Stands
Stands Stands
Stands Stands
Stands Stands
Stands Stands
Stands Stands
Stands Stands
Stands Stands
Tolvo (7700 t Common 所知之 即時 "人物 7%。 你们 他如 电极 4% 二乙醇 作品 明期 6% 二乙醇 作品 明期 6% 正可 例之 阿里汀 阿里汀 7% 一个 可证 阿里汀 阿里汀 6% 一种 可知 阿里河 6% 一种 阿里河 阿里河 7% 一种 阿里河 阿里河 7% 一种 阿里河 阿里河 6% 一种 阿里河 阿里河 7% 一种 阿里河 6% 一种 阿里河 7% —— 阿里河 7% Dollars Biolir Affine File 19
Cible Files (Affine)
Cible Files (Affine)
Cible Files (Affine)
Cible Files (Miner)
Contents 5-H. Manufacture Files (Charles)
Contents 5-H. Seather
Contents 77,00
Contents 78
Co Pounds Sterling . Abbey Not 97 Gb
Abbey Not 97 Gb
Abbey Not 92 gb gb
Abbey Not 92 gb gb
Astronom + Leic 196b
Bit Notes Scotle GB gb
Bit Notes May Gb
Bit Notes May GB
Bit Notes May GB
Bit Notes May GB
Citicary 19 GB
Control 19 GB
Holling 19 GB
Sacid Chorl In GB FIRST AUSTRALIA PRIME INCOME INVESTMENT COMPANY LUMITED INTERNATIONAL DEPOSITARY RECEIPTS MORGAN CUARANTY TRUST COMPANY OF NEW YORK On June 5, 1987 the board of directors of First Australia Prime Income Investment Company Limited, a closed-end investment company listed on the Toronto stock exchange, announced the declaration of an interim dividend on the company's ordinary shares of US \$0.58 per share for the six month period ended May 31, 1987. Deutsche Marks Austric 26
St. Graece 72/73 (Dmi
Bas 97 (Dm)
Bas 97 (Dm)
Bas 98 (Dm)
Bas 98 (Dm)
Conf Force 74 (Dm)
Conf Force 74 (Dm)
Conf Force 75 (Dm)
Conf Force 76 (Dm)
Conf Force 76 (Dm)
Conf Force 77 (Dm)
Season 77 (Dm) Payment of coupon no. 2 of the International Depositary Receipes will be made in US Bollars on or after July 22, 1987, to the IDR Holdars of record June 24, 1987, at one of the following affices of Morgan Guaranty Treat - New York, 30. West Broadway.
- Brussels, 35, Avenue des Arts.
- London, 1, Angel Court.
- Frankfurt, 44-16, Mainzer Landstrasse. The dividend is not subject to any Australian tax. The Relgian withholding tax will be applicable to IDR Helders presenting their coupons to the office of the depositary without the appropriate Relgian non-resident certificate. Japanese Yen Onl 97 Year 49. 22-16 99.96 100.06 Or Forceler Augst? Year 49. 22-16 99.96 100.06 46. 22-06 99.96 100.06 MORGAN GUARANTY TRUST COMPANY OF NEW YORK
Brussels office, as depositary.

CONTRACT PR Cialonia

Mr. Keswick persisted, and Mr.

Powers finally arrived in April of

last year, with a seat on the board

and a mandate to direct financial

strategy. Paula Powers, who was

teaching at Columbia Law School,

was willing to move to Hong Kong.

and both parents thought it was the

ideal time for their son, Jeremy, to

live abroad. Mr. Powers has so far

As the new tai-pan, Mr. Powers will face a number of challenges.

Despite diversification, a large

not studied Chinese.

### **CURRENCY MARKETS**

# **Dollar Rises Sharply in N.Y., Europe**

NEW YORK - The dollar surged higher Monday, making dramatic advances against the mark and yen as weakness in the British pound spilled into most major currencies. Gold and silver fell

Dealers said that the dollar's resilience of recent days reinforced speculation that it has found a cear-term bottom. But they attribtited the rise Monday largely to technical factors, including pre-

programmed buying.
In New York, the dollar closed at 1.8470 Deutsche marks, up from 1,8293 on Friday; at 146,20 yen, up from 144.80; at 1.5350 Swiss Dancs, up from 1.5205; and at 6.1565 French francs, up from

6.1055. - It was also higher against the pound, which closed at \$1.5875, down more than 2 cents from 7 \$1.6110 on Friday.

The dollar made a very strong move," said Christopher Bourdain, vice president in Bank of America's corporate foreign-exchange unit. Most people in the New York ket.

**London Dollar Rates** 

seems to have happened in one

He said a rumor that Saudi Arabia was diversifying its portfolio by selling yen- and mark-denominated bonds and getting into dollars encouraged traders to buy dollars.

Another supportive factor, he said, is that dollar-linked commodity prices, especially oil, have been strong lately. Since customers purchase oil with U.S. dollars, rising oil prices signal stronger dollar de-

Republic Bank in New York closed cash gold at \$437.50 an ounce, down \$7.50 from \$445.00 Friday. Silver plunged to \$6.73 an ounce from \$7.158 on the cash mar-

March.

value against the mark since In London, the dollar closed at

1.8407 DM, up from 1.8305 on Friday; at 145.85 yen, up from 145.05; and at 6.1325 French francs, up The dollar was also higher

against the pound, which closed at \$1.5950, more than 2 cents down from \$1.6170 on Friday, and its lowest point since mid-March. "It's getting more as though the market believes the dollar has bot-

tomed out," said the top trader at one U.S. bank. "The market is more fundamentally disposed toward the dollar as

well as supported by technical coo siderations," he added. The pound fell fast enough to prompt the Bank of England in step in and buy sterling in a bid to

steady it, some dealers reported. Earlier in Europe, the dollar was fixed in Frankfurt at 1.8353 DM. up from 1.8238 on Friday; and in Paris 81 6.1235 French francs, up from 6.0940.

In Zurich, the dollar closed at 1.5277 Swiss francs, up from 1.5202 on Friday. (UPI, Reuers)

### Yeutter Says Export Problem No Longer Dollar

Umied Press Internal WASHINGTON - The U.S. trade representative, Clayton K. Yeutter, said Monday that if exports do not increase now that the weak dollar has made American products cheaper, quality, service or mar-keting skills may be to blame. Speaking at an American Stock Exchange conference, he said that "from a price standpoint, we are tremeodously

competitive in most things"
U.S. businesses sell overseas. "So if our exports do not begin to accelerate," he said, then the exporters of this country must search their souls for other explanations because it's not price that will preclude those exports from moving up.

"It must then be quality or service or international marketing skills, he said, addind, " we must begin to focus on those elements of the export-import process," he said.

But the dollar's relative stability since the Louvre currency accord reached in February by leading industrialized nations bas triggered

gies to be influenced by the positive fundamental factors, such as stable prices, low interest rates and good liquidity," he said,

fully compensate for the decline in exports is questionable, however, economists said.

### JARDINE: Hong Kong's Trawing Giant Prepares for American Tai-Pan la, had a job that kept ber in New

(Continued from first (inance page) quisitions in the United States and Britain, though be says this could be a single \$2 hillion deal or a string of \$100 million purchases. Mr. Keswick says he would like a major U.S. presence, and he adds that Mr. Powers might want to return to the United States in five years or so

But familiarity with the U.S. market was not the reason for choosing Mr. Powers, Indeed, his nationality may even have worked against him a little, in the clubby world of British-run Hong Kong companies. His opeo style has ruffled some feathers here, he ac-knowledged. "The business style is different," he said. "The Brits are much more civilized than Ameri-

and run the American wing of Jar-

And though Mr. Powers has joined the Jockey Club and he and and then went to the University of his wife have entertained at their home on the Peak, their presence in Hong Kong's social circuit is sub-dued. "I like Hong Koog," he said. "but I work very long hours and I'm very committed to my job."

But if Mr. Powers has oot always displayed enthusiasm for drinking port, no one doubts his skill in law and finance. Those talents seem to bave been key to his swift rise, after arriving at Jardine in April 1986 as "chief strategist." The conglomerate was then in the process of slimming down - after some disastrous investments in real estate, shipping and oil.

Rivals for power within Jardine could not compete with a financial specialist at time when the group was so absorbed by financial matters. Mr. Powers set in work planning a restructuring of Jardine that included spinning of subsidiaries and creating a web of corporations that own each other. He also registered more of the group's assets in Bermuda, in the belief that foreignregistered corporations might fare better when Chins takes over Hong Kong in 1997.

For Brian Powers, the road in becoming tai-pan began in Massapequa, New York. The secondyoungest of four children, and the son of a stockbroker, be devoted most of his energy in high school to Whether domestic demand can football. He even turned down Yale University initially to go to He was in the New York office of Holy Cross College because of its the Coudert Brothers law firm, and more rigorous approach to athlet-

16% 9% Janel A .70e 58 335 2017 114 June 5

12 Month High Low Stock

Soles In Net Olv. Yid. 100s High Low 4 P.M. Chine

14 13<sup>1</sup>4 13<sup>7</sup>5 + <sup>1</sup>9 20 20<sup>1</sup>2 + <sup>1</sup>4

22½ 22½ + ½
16½ 17
30½ 30¾ + ½
25½ 25½ + ½
30½ 30¾
47½ 47½
47½ 15½ 15½ - ⅓
16¾ 16½ + ⅓
10¼ 10½ + ⅓
11¾ 11¼ - ¼

111/2 111/4 11/4 1

1.75 4.5 5709 1.75 4.5 5709 1.60 2.7 876 1.60 2.7 8717 1.150 1.2 98 200 2014

'People in Hong Kong think they work very hard. I think Brian has demonstrated that people in New York work even harder.'

> — Simon Keswick Managing director. Jardine Matheson

ics. He transferred to Yale after

An economics major, Mr. Pow-

Virginia Law School, where he ex-

celled. He graduated near the top

of his class and, after a year as B teaching fellow at Stanford Law

School, he became an associate in

the New York law firm of Debe-

voise & Plimpion. He is remem-

bered there as a hard worker and a

quick study who was fortunate to

specialize in mergers and acquisi-

tions just as the wave of mergers

was beginning in the United States.

ers accepted a job as an attorney

with the Ford Foundation. Howev-

er, almost immediately he was put

in charge of a large investment portfolio that included venture

One of his first acts was to fore-

close on two hig real estate devel-opments in the belief that the foun-

dation could run them better than

the developers. Colleagues noticed

Mr. Powers was at the Ford

Foundation when James D. Wol-

fensohn, an Australian-born finan-

cier, called him, Mr. Wolfensohn

was planning to set up a New York

investment bank, and had heard

about Mr. Powers from a Debe-

four years at the foundation, Mr.

Soon after the firm opened,

wanted to know if Mr. Powers

12 Month High Low Slock

apital and real estate.

After two years there, Mr. Pow-

graduated with average grades

two years.

could help structure a deal. With characteristic hluomess, Mr. Powterrible question, but who are

and more Jardine business, including a complex sale of sugar interests in Hawaii that included a leveraged buyout with commercial and an extraordinary piece of work," Mr. Wolfensohn recalled.

plishments that led Mr. Keswick at

Despite diversification, a large-share of the company's assets re-main in Hong Kong. The property market and business climate here are volatile, even though Beijing has promised that it will allo

A relationship grew up between the two. Mr. Powers handled more British interests. In Hong Kong.

Indeed, it was one of the accom-

such Chinese entrepreneurs as Sir Y.K. Pao and Li Ka-shing have often outmaneuvered Jardine in the last decade. overnment financing. "That was These entrepreneurs are pote

Hong Kong to maintain its capitalist way of life for at least 50 years ers asked the tai-pan: This is a after 1997. Then there is rising competition in Asia: local entrepreneurs who in the last two decades have built their own conglomerates to challenge

tial threats, for Jardine could be-come an acquisition target. One reason they have gained on British the end of 1985 in ask Mr. Powers interests is that they know the marif be would like to come in work for interests is that they know the market better — and that could be all Jardine Mr. Powers's initial response was that he was happy at by a man who is a newcomer to the Wolfensohn and that his wife, Pau-

### BANKS: 'Buffer' Currency Fund

31 11½ SymbT 11¾ 3½ Symbile 13¼ 5½ Symbile 15 6 0 ysints 21 34 SySoftw 38¼ 13% Systmi

76 104

ments to correct what he described

as an unequal playing field. Some banks, be said, have total liberty in the positions they may take in the foreign exchange market. Others, such as most West European banks, are limited by banking supervisors in the size of the exposure they can undertake.

"The directives should be the same for all," he said.

voise & Plimpton partner. So after At the same time, he added, "we Powers joined Mr. Wolfensohn, behave seen overtrading, which must be avoided. Otherwise, we'll all get coming his chief assistant at James D. Wolfensohn Inc. swamped with new restrictions. Either we all behave, or we are all man named Simon Keswick called. losers," he said.

Sales In Het City. Y Id. 100s High Low 4 P.M. Ch'ge

想沒

1,00 1.4 ,09e .4 ,60 3.6

1.12 32

.15e A

,10c J

.16b 1.5 20 4.8 84 4.9 .72 2.7 .40 .9

Porex 10e 3 Possis a PoughSv 10e 4 PrecCsi 08 2 PresLts 08 5 PrintCp 50 29

Koji Takahashi, senior managing director of the world's largest

(Continued from first finance page) commercial bank, Dai-ichi Kangyo Bank of Japan, called the sugges-tion a "workable idea."

For the past month, Japanese banks have been under orders to report their foreign exchange posi-tions daily to the authorities.

However, Mr. Gyohten said that "there was no intention to restrict activities in the market."

Rather, he said, excessive volatility in exchange rates drove the Japanese government to "ask" financial institutions to take the longterm implications of their actions

Karl Otto Pohl, president of the West German central bank, or Bimdesbank, also called Mr. Ekman's proposal "a good idea."

31¼ 30 31¼ +1¼ 4¼ 4½ 4½ - ½ 11¼ 10½ 10½ - ½ 8½ 8½ 8½ 8½ 18¼ 18½ 18½ + ¼ 27 26¾ 72 + ¼

16% 16% 14% 13% 15% 15

into account.

### market were expecting the dollar to get stronger this week, but it all more than 1 pfennig to its highest on Friday. Bonn Economy Is Back in Growth Pattern, Bundesbank Says

By Ferdinand Protzman tional Herald Tribune

FRANKFURT - After two quarters of negative or zero growth, West Germany's economy began expanding in the second quarter of 1987, and there are signs that growth is likely to continue, the Bundesbank said Monday.

In its monthly report for June, the central bank attributed the 0.5 percent decline in the nation's gross national product in the first quarter to unusually severe winter weather that nearly shut down the construction industry.

- GNP measures the output of a nation's goods and services. Excluding the construction industry from calculations, GNP was up slightly in the first quarter from the previous turee-month period, the Bundesbank said.

in the fourth quarter of 1986, however, GNP registered no growth from the previous quarter.

A drop in private consumption in the first quarter from the previous quarter also inhibited GNP growth. The central bank said that a glut of new-car purchases in the final quarter of 1986, triggered by a year-end expiration of tax breaks on autos with pollution-control

equipment, distorted the statistics. But the economy picked up in April, with a rebound in construction activity leading the way, the Bundesbank said. It said that investment in capital goods also was rising after stagnating in late 1986,

and that exports had stabilized. Exports had been declining as a result of the appreciation of the Deutsche mark against other major

While the report was cautiously positive about the prospects for continued economic growth after the slow start, many private economists are forecasting GNP growth of only 1 percent for all of 1987,

| Comms | Comm

well below the government's predietion of just under 2 percent.

The government's forecast is based on a strong increase in do-mestic demand that would offset an expected decline in exports. The Bundesbank's currently expansive monetary policy is intended to belp boost private consumption and thereby increase domestic demand.

The Bundesbank said the central bank money supply, its primary measure of monetary growth, grew at an annual rate of 7.9 percent in May, up from an annual rate of 7.8 percent in April. That pace is well above the Bundesbank's 1987 target range of 3 to 6 percent growth,

Some critics argue that the expansive policy risks kindling inflation and may fail to spur domestic demand. Others say that excessive growth in the money supply would give a solid boost to the economy in 1987, but would result in recession by the end of 1988.

Séles in Net 12 Month
108s High Low 4 P.M. Chips
High Low

"The assumption of any GNP growth for the year is optimistic." said Gert Schmidt, an economist for Industriekreditbank AG in Düsseldorf. "It is also based on the dollar-mark exchange rate holding about where it is now, which in light of recent history seems very

the mild rise in capital goods investment, said an economist for one of the largest West German commercial banks. "That allows investment strate-



17 Month High Low 2tock 'Div, Yld. 166s High Low '4 P.M. Chise

244 16 ADC 17 9 ADS 17 10% AST 19% BV ADINOS 18 16 ACIART 174 16 ACIART 174 ACIAR 175 ACIAR 175

The Allocation of the Allocati 

9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586)
9 (586

| Section | Sect 

| Ned | High | Low | A P.M. Crype | 12Month | High | Low | Stock | Div. Yid, | 100m | 15 Forting 36 1.1 : 55% Forting 42 1.1 55% Full 5

| 1314 | 1847 | 640 | 1.32 | 7.1 | 20.7 | 10/6 | 446 | 600 | 52 | 20.7 | 11/6 | 600 | 600 | 600 | 7/732 | 804 | 11/6 | 600 | 600 | 7/732 | 804 | 807 | 600 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 607 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 |

5% 2% + %
5% 33 + %
20 20 20
44% 46% - W
23 27% + 4
45% 45% 27% + %
145% 45% 27% + %
146% 18 - %

WOW, THAT'S !

coin

-67 Task

68 Stingy

69 Companion of terminer

DOWN

2 Emulate B

1 King of France: 987-96

jester 3 Country called

Chosen by

Japanese 4 Letters for a

6 Tale starter

7 Gone by 8 Phoebe 9 Impeach 10 Nugget layer

"MR.WILSON SAYS WE'RE ALL BORN EQUAL, BUT AFTER

JUMBLE THAT SCRAMBLED WORD GAME
by Henri Arnold and Bob Lee
Unscramble these four Jumbles,
one letter to each square, to form

WHAT CAUSED THE PUNCTURE IN THE TIRE?

Now arrange the circled letters to lorm the surprise answer, as sug-gested by the above cartoon.

Jumbles: SOAPY FRAME ROSARY BOUNCE Answer: Do zombies like being dead?--- "OF CORPSE

Bangkok Beiling Hong Kons Manila New Dellii Seoul Shanghal Sloga pore Tolael Tokyo

AFRICA

Algiers Cope Town Casobiques Harare Lagos Nairobi Teals

Aschoroye Alicanta Bostea Chicago Derver Delroit Nosolele Houstan Los Angeles Minnie Minneapolis Montreal Massey New York Sea Francisco Seatile Toranto Wassington

LATIN AMERICA

NORTH AMERICA

11 Tonic base

5 Nap

mind reader

60 — Melba

contract

**ACROSS** 1 Solidify

5 Kind of box 9 Variegated chaicedony 14 Biblical prophet 15 Dramatist

61 Kind of from Kan. 64 Ethyl acetate, 16 Punctuation mark 65 Legendary vessei 17 Burgess beast 19 Stratus, e.g. 20 Kills rney-to-66 Own

Blarney dir. 21 Verb ending 22 They got away 24 P.M. item for a hostess 26 Singer Della 27 Void 29 Peddler

36 Whirling vapor 38 Author Vidal 39 Jaunty 40 — Baba 41 Heavy literature 42 Kind of door **43** Hadrian's 554

33 Wasemment

party 45 "Sorrow chang'd to 47 Spot seen on Mars 49 Actor Lloyd

6 23

four ordinary words.

NOPUD

**HOBUG** 

**VERDIF** 

KRALTE

EUROPE

MIDDL

Tel Aviv **OCEANIA** 

EA5T

THAT WE'RE ON OUR OWN.

44 Place for a hen

12 Trip O New York Times, edited by Eugene Maleska.

DENNIS THE MENACE

51 Architectural 18 Tetched wing 55 Suppress 58 Feel below par 23 Assess 25 Peter Sellers vehicle 59 Old English 26 Town in Pa.

28 Actress Patricia 30 Major-31 Prill and stibonite 32 Remainde: 33 N.Y. and S.F.

e.g. 34 Leander's beloved 35 Actinal 37 Callas was one 41 Infielder Маллу-43 Expunge 46 Stick

48 Popeye, e.g. 50 Indo-Iranian Shepherd," poem by St. Teresa 54 Zeslous 55 Arch.'s drawing 56 Networ

62 Homophone for heir **63** Agcy. physical well-

57 VIII, to Ovid

58 Stonework

WIZARD of ID

PEANUTS

BLONDIE

HOW CAN I TAKE YOUR

SUPPER OUT TO YOU WHEN YOU'VE GOT YOUR NOSE PRESSED AGAINST THE DOOR?

THAT'S COUSIN OTTO



HE'S TAKING IT HARD YEAH

NO PROBLEM ...

HE ONCE KICKED A DALL THAT TRAVELED YOUR 60 YARDS

I'LL BACK UP ..



I'VE READ THAT MOST

PROBABLY AT

SUPPER TIME

8

THE TIME /

NOT REALLY HE WAS

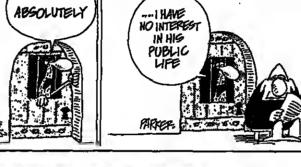
ACCIDENTS HAPPEN RIGHT AT HOME...

ANDY CAPP HOW ARE YOU FINDING LIFE





DO YOU THINK THE PRESS SHOULD MAKE A DISTINCTION BETWEEN A POLITICIAN'S PUBLIC, AND HIS PRIVATE LIFE?









. N-B4, 15 NxN, PxN. At this juncture, White has tried several moves, 14 R-QN1; 14 K-B2, 14 Q-N3, and lastly 14 Q-B2, with which Timman achieved a draw against Artur considerations streety went into Yusupov in their 1986 candi- Korchnoi's choice of 14. B-

"potsy" games she had played on Brooklyn sidewalks. "Beagling is sort of like a foxhunt without the fox," she deadpans. "Something that smells like a fox is dragged through fields by a rider, and a bunch of beagles chase after it.

and then a bunch of beaglers' on horseback chase after the beagles. We're talking serious' WASP recreation here."

**BOOKS** 

BEVERLY: An Autobiography

By Beverly Sills and Lawrence Linderman.

356 pages, \$19.95, Bantam Books Inc., 666

BEVERLY" is a sitcom full of belly laughs and Brooklynese wisecracks that has all the immediacy of a kaffeeklatsch

confessional. The funniest story concerns the

time the 17-year-old Beverly Sills, nee Belle Silverman of Brooklyn, went on a summer tour of the Midwest that found her in a village near Kearney, Nebraska, in the middle of a grain

fungus blight called "stinking smut" that was killing cattle. Picking up a copy of the town's weekly paper to send to her proud mama, she found on the front page a picture of a dead cow with the caption "Beverly Sills to Sing at High-

School," and underneath it a photo of herself

At the same time that she met the man she

was destined to marry, the Mayflower descen-

dant Peter Greenough, she discovered a strange new pastime far removed from the

Solution to Previous Puzzle

TROT RAGES EVER UMPIRE SMELTERS

UMPIRE SMELTERS
OYES IBIS
PENNANTS ARETES
AVIAN APPLE IGN
REEL AREAL HARA
INC AMENT SORER
STERNE TEAMMATE
EIRE SPUE
STEALING OGRESS
TARP CURED UPAS
ELSE ARENA NEWT
PEER NEWEL SEAS

captioned "Stinking Smut Hits Nebraska."

Fifth Avenue, New York, N. Y. 10103.

Reviewed by Florence King

Between doing love scenes with a self-doubt-ing tenor who whispered, "I'm going to be a used-car salesman," in the middle of an amorous stage tussic, and telling the conductor Kurt Adler to drop dead, Sills also met several U.S. presidents. The most memorable one was the malapropping Gerald Ford, who told a White House gathering that she was "as much at home in a Verdi ballad as she is in a Strauss. at nome in a versu satisfa as she is in a Strauss operation." By the time he introduced her as "Beverly Tilsit" the audience was in such stitches that Sills said, "Mr. President, from here on in, wherever I sing, I want you to come along and warm up the audience for me."

She is a smally fortherwise about the

She is equally forthcoming about the trage-dies in her life, namely the afflictions of the children — a daughter born deaf and a son, born retarded. Sad as this is, it is sadder still tor contemplate what happened to this great artist's priorities.

"My main concern in life was the fact that I had two children with severe problems," she writes. "The career was really rather incidental. at that point — it was nice to have, but not essential. Pd survived so much in my personal life that I didn't see how a career could make a great difference to me. As a matter of fact," when you don't need the money and you have a very satisfactory marriage, it's difficult to muster the drive necessary to establish a great

Passages like this, plus the numerous admissions of guilt Sills felt about leaving her family to go on tour, give Sills's book a depressing here-we-go-again quality that sometimes overshadows its many charms.

Florence King, the author of five books, in cluding "Southern Lodies and Gentlemen" and "Confessions of a Failed Southern Lady," wrote this review for The Washington Post.

### **CHESS**

By Robert Byrne

I T IS strange that in the curI rent epoch, when so many
diverse strategic and tactical
ideas are pursued by a veritable
ideas are pursued by a veritable
the bungry tournament in the curideas are pursued by a veritable
ideas are pursued by a veritable
the bungry tournament in the curing the white position.

But why did it take so long
ideas are pursued by a veritable
the bungry tournament in the curing the white position.

But why did it take so long
ideas are pursued by a veritable
the bungry tournament in the curing the white position. players, one can still find a pionship Match between Vladistone of critical importance unturned. Yet is does happen.

For example, in the French

Black has three pawns as compensation and threatens to inegrate his pawn structure by

dates match. None of these has

mir Liberzon and Moshe Czermak in 1975? Of course, 14 B-Q3! seems to Defesne Steinitz Variation, 4 P- lend heightened effect to K5, KN-Q2; 5 P-4, as seen in 14. N-B4, but this is not

the game between Grandmasters Ian Timman of the Netherlands and Viktor Korchnoi of Switzerland from the SWIFT International Tournament in Brussels, Black's sharpest method of obtaining counterplay is 7. Q-N3.

White also must fight incistively to maintain the initiative, and this pretty much requires 8

advantage by 18 Q-R4ch, B-Q2; 19 Q-R3, R-QB1; 20 R-ON1, Q-B2; 21 KR-B1, O-O; 22 N-N3, P-B5; 23 NxP. These

120

WEBOAR!

sively to maintain the initiative, and this pretty much requires 8
N-QR4, Q-R4ch; 9 P-B3.
Now, 9. PxP, 10 NxP?
wpi; d be wrong because after 10. NxN; 11 BxN, P-QN4, White must lose material.
Accordingly, White must interpolate 10 P-QN4, and Black must not back down with the timid 10. Q-Q1 because 11 NxP, NxN; 12 BxN gives White superior control of terrain.

This explains the piece sacrifice with 10. NxP!?; 11 PxN, BxPch. The idea is that after 12 B-Q2 BxBch; 13 NxB, P-QN3, 26 Q-B7mate.

P-B3; 22 QxNPch, which with site is corra piece to create an aleastly on the underdefended on the under the provide a specific

#### FSM 7800 117 June 79 10,30 9,50 54 49 19,90 17,50 88 73 11,70 10,60 24/49 Norced 14/921 Nova AttA 1 55600 Novasco W 55600 Novasco W 55600 Novasco W 55000 Porce W Alisto Control 5500 Pemplane 5500 High Low Close 1374 25 1374 25 1374 25 1374 25 1374 25 1374 1574 129 1375 1374 147 1375 1474 147 1375 1474 147 1375 1474 147 1375 1774 1774 1375 1774 1774 1375 1774 1774 1376 1774 1774 1377 1774 1377 Closing prices in local currencies. June 22. F.T.30 Index : 1737.98 Previous : 1753.30 F.T.S.E.100 Index : 2244.60 Previous : 2296.15 1393 April Prose 1290 Aprilo E E 1290 Aprilo Aprilo E E 1290 E 1290 E 1290 E 1290 E E 1290 E Via Agence France Presse ABN 475 471 ACF Holding 11.80 61.30 Aceyon 96.50 73 Akra 1146 12.40 Ahald 101.50 96.71 Akra 1146 12.40 Ahald 101.50 96.71 Akra 156 64.40 A 7.40 A 7.40 B 8ank 7.70 A 7.40 B 8ank 7.70 C 30 and Hidg 12.30 73.91 Elsevier 91.30 73.93 Elsevier 91.30 73.93 Elsevier 91.30 73.93 Elsevier 17.80 53.93 Gisl Bracoses 480 44.50 Akra 1860 44.50 Akra 1860 45.50 Ak 1143 530 750 539 72,50 196,50 | Second Comman | 34.00 | 3465 | Clachate | 1 | 4000 | 4351 | Clachate | 1 | 4351 | Cla 1344,21 245594 1111000 124000 10501 10 British Teiec. Bh man Commercial U Cons Gold Flek Cookson Grounds Courtenids Cookson Grounds Courtenids Cookson Grounds Courtenids Cookson Grounds Courtenids Cookson Grounds 202 315 342 285 173 285 265 275 286 407 275 286 4172 286 315,50 Unites Index : 542.30 Previous : 542.70 1 1-95 1-690 10523 10550 172 172 54-91 5730 5530 5050 1790 1790 1790 1790 1790 1790 1791 1793 1793 1735 44-07 11300 1135 11350 1135 12225 72150 12225 7225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 7225 12225 12225 12225 12225 1222 Arbed Bekaert Cockertill Cobept EBES GB. Inno-BM GBL Geveert Hoberton Intercom Kredierborn Solvov Troction Eis UCB UCB UCB UCB UCB Interp Vieille Mont 402.101.1664 722.2665 1041.1674 3149.031.491 1307.382.39 1370.39 1172.260 1 24.50 4.35 23.40 15.40 27.74 6.70 17.60 67.50 13.80 13.80 13.80 13.80 11.80 18.10 18.20 7.35 12.40 16.20 7.25 12.40 16.20 7.25 12.40 16.20 7.25 12.40 16.20 7.25 12.40 16.20 7.25 17.40 Bk East Asia Cathory Pocific Chevra Light Chino Light Chino Light Hand Sena Bart Henderson HK Chino Gas HK Electric HK Reality A HK Hotels HK Cann HK Chino Bank HK Loon HK Shana Bank HK Loon HK Shana Bank HK Loon HK Whari HK Hotels HK Wamatel HK Whari Helch Whampel HK Whari Helch Whampel HK Whari Helch Wharmpel HK Whari Helch Wharmpel HK Whari Helch Wharmpel HX Whari Helch Wharmpel HX Whari HY Son Bank HX Props Stelux Swire Pac A Tal Cheang Wing On Co Wirsor World Intil 24.40 4.40 13.90 15.90 17.90 9.45 4.40 7.05 13.90 5.60 13.70 12.20 7.45 12.20 7.45 12.20 12.25 12.25 12.25 12.25 12.25 12.25 12.25 Bancaire BilC Bang rain Bouvques BSN-GO Carrefour CGE Chripeurs Club Med Dariv Durne Ell-Aquilali Europe 1 Gen Eaux Hachelte Lafarge Cg Legicur Mortel Marin Michelth Mort Henne: Moullines Occidentale Pariloss Permod Ric Perrier Peusses Printenns Radiolechin Redoute Roussel Ucla Sanali Solial Gobalin 3xis Rossylaru Telemecan Thomisan CSF Tolal Hikkel 225 ; 24448,38 Previous : 25288,12 New Lodex : 2109,07 Previous : 2174,E1 Corrent Stock Index : 4703.04 Previous : 4674.76 114.20 114.50 112.50 11 Close 1,463.82 3131,19 27: 349:20 1140 487 238 dex : 1774.10 1825 7975 2470 2450 6500 7100 4800 1825 8275 2515 2600 7250 7400 4875 SBC Index : 638.20 Previous : 625.30 \$00 1170 2050 1450 1160 506 1160 2160 1760 1220

Di CC gr p€ dε pt

Previous 1,46414

### In Paris, Au-Delà Du Rugby

By Samuel Abe International Herald Trabus

PARIS - Le quarterback backpedaled, turned and tried to hand off le ballon to un running, unaware that le cornerback was coming fast. "Attention au blitz."
some speciators screamed, but it was too late and le quarterback was flat on the ground, sacké. In other words. American foot-

ball is making inroads in France and in much of the rest of western

As proof, the Paris Castors, or Beavers, routed the Paris Jets, 75-0, on Sunday in Casque d'Or VI. or what was billed as Le Super Bowl Français. Mais non, it wasn't exactement Super Bowl XXI in Pasadena. California, but it was by far the biggest event in the short life of football americain in France.

Some of the razzle-dazzle along the sidelines was familiar to those who saw the National Football League title game in January. There were majorettes too, and a musical salute and a cheering squad known as Les Pom Pom Girls. However, the crowd at Jean Bouin Stadium in Paris was somewhat smaller, 2,500 or 3,000 instead of the 101,000 who filled the Rose Bowl and the 120 million or so who watched on international television as the New York Giants beat the Denver Broncos, 39-20.

Tickets cost 50 francs (about \$8) instead of the face price of \$75 in California.

Nor did the winners' prize money total in the hundreds of thousands of dollars. The Castors, the favorites after they beat the Blue Angels of Joinville-le-Pont in the semificals, woo 20,000 francs' worth of football equipment. The Jets, who bear the Argonants of Aix-en-Provence to reach the title game, went home empty-handed as well

They could console themselves, though, in thinking that the game had been another step forward in the growth of the sport across. Europe. Since early this decade, leagues have been formed and are growing in England, Italy, Finland, the Netherlands, Belgium, West Germany and France. In England, where the London Ravens were the sole football team in 1983, there are now more than



Harry Carson, center, with Brian Sipe behind him are cheered by the French players

200 registered teams, 146 of them in the senior, or adult, category. A crowd of 80,000 filled Wemhley Stadium in Londoo last August to watch the Chicago Bears beat the Dallas Cowboys in an NFL exhibition game. The Denver Broncos are scheduled to play the Los Angeles Rams in another preseason game at Wembley on Aug. 9 and most of the seats have

With a bit of luck and publici-ty, the organizers of the 29-team Freoch champiooship league hope for the same surge of interest to lift their sport out of the status of simply a curiosity.

The French organizers had some publicity, as the U.S. Emin Paris and the National Football League Players Associa-tion combined to provide a weeklong visit by Harry Carson, the New York Giants all-pro inside linebacker, and Brian Sipe, the former quarterback for the Cleveland Browns and New Jersey

Both men have been interviewed extensively by French magazines and television, which this year began showing NFL games in edited, week-old films. It also showed the Super Bowl live for the first time.

Carson and Sipe have also attended news conferences, coaching clinics and autographing sessions and the Giants' linebacker even got to kick off a ceremonial ball for the Casque d'Or, or Golden Helmet, title game,

The play they watched was erratic by American standards although Carson drew a cheer from the crowd for praising the win-

ning team. The cheer turned to friendly laughter when he then suggested that the Castors could give an NFL team a good fight.

"The level of play is some-where between good U.S. high school and bad junior college," said Steven St. John, a 24-yearold safety for the Jets. A native Californian, he played defensive back and wide receiver for Santa Clara University before coming to Paris to become a model for fashion photography and televi-

There are no tricky moves in the French game," St. John con-tinued. "It's standard plays, patterns and reverses. It's pretty easy for an American to fit in, especially somebody like me who's played the game since I was 7 years old."

French teams are limited to five foreign players, with no more than two allowed on the field, le terrain, at the same time. To help further the development of French players, foreigners are banned as quarterbacks, as they are in many other European leagues. This rule inspires long debate over a fine point; If a foreigner is a running back, can

he legally throw an option pass?
"We're still feeling our way
with many of the rules, trying to
get people to understand and agree on them," admitted Stephane Wephre, 27, the president and starting center of the Jets. Another problem is football's second-cousinhood to rugby, a popular game in France, in which the team with the ball can move it downfield with a kick that either

team can field. "There is no advancing the ball

By Thomas Boswell SAN FRANCISCO - Scott simpson found a place in history Sunday. The slim 31-year-old who,

until Sunday aternoon had won

by one slim shot the tournament that he had led for almost all of the last three days. When his 50-foot putt on the final hole hung on the ip — one inch from glory — Wat-son knew the dejection of his two predecesors in U.S. Opens played on this diabolical course.

This 87th Open was a trophy that Simpson earned with consecutive birdies on the 14th, 15th and 16th holes for a final round 68 and a four-day total of 3-under-par 277. Watson, without a victory in

three years in a career that includes five British Open titles, two Masters and the 1982 U.S. Open, seemed headed for disaster early. He bogeyed the first, second and fifth holes to fall out of his one-shot lead starting the day and back into tead starting the day and back into a tangled pack of big-name con-tenders, including Seve Ballesteros (who eventually finished third at 282) and Bernhard Langer, Ben Crenshaw, Larry Mize, Curtis Strange and Bobby Wadkins, all of whom tied for fourth at a distant

While others staggered, Watson rallied with birdies at the eighth

par and take the lead back alone. What had been a stampede just before the turn was e two-man race by the time Watson got to 14.

Simpson Wins U.S. Open by One Stroke

Simpson, playing in the group in front of Watson, birdied from four just two events in nine years on the feet at No. 14 to tie as Watson PGA tour, will join Jack Fleck, listened to the cheers from op Andy North, Orville Moody and ahead By the time Watson reached Sam Parks as an unexpected wio- the green, facing a downhill, 23ner of the U.S. Open.

Tom Watson joined Ben Hogan and Arnold Palmer as a heartbreak

foot putt, Simpson had also knocked his ball to 20 feet at the 15th. As Watson lined up his putt, victim of The Olympie Clob, losing Simpson ran his home to take the

> Watson answered, trickling his birdie putt into the hole to regain a share of first.

Now, it was match play, Simp-son steaming briskly ahead, his concentration locked in place. As Watson watched from 100 yards behind him in the 16th fairway, Simpson ran a 12-foot birdie put in the heart of the hole for what proved to be the winning shot.

Simpson, one of the most phiegmatic players in golf, as well as one of the nicest, raised one hand a few inches to the crowd, then looked back down the fairway toward Watson and gave e barely perceptable ood, as though saying, "Matched me once. Now match me

Watson couldn't. Like many others, he misjudged the rock-hard 16th green. His wedge shot ran 18 feet past and his putt, like many others all day, dove below the hole.

Still, the horrific 17th, awaited Simpson. Like so many others last week, Simpson hit an excellent After a birdie at No. 1, which put and ninth holes to reach 1 under drive, only to see it kick right off

Scott Simpson raises his arms in sainte after the 18th hole.

the slick fairway into nasty side-hill bogeyed Nos. 3 and 5 to fall back rough. Surely this would be the end into the mob. He seemed like anof a player known more for fading other easily forgotten pretended until he steadied himself with c

Simpson's mid-iron shot found the left front bunker and his explosion curved e good eight feet past the hole. After dozens of practice putts while partner Lennie Cle-ments finished the hole, Simpson finally ran what seemed like his 10th tough par-saver of the day into the center of the cup.

ism on a glorious Simpson day. him in the lead for e short while, he por story lore.

short birdie putt at the easy 288yard downwind seventh bole. Then came six straight pars, almost all of them marked by character-building three-to-five-foot putts.

After his birdie streak, then his save at 17, Simpson managed an almost anti-climactic par at the final hole. Two irons and two putts make four. Up to you Mr. Watson.

ع زورا

2

CLASSIFIEDS

When Wetsoo's final effort. missed, another Open had been added to The Olympic Club's hor-

### Reds and Braves Engage In a Little Basebrawl

NEW YORK — The Cincinnati straight decision.

Leds and Atlanta Braves spent Giants 11, Padres 2: In San Die-Reds and Atlanta Braves spent

day and Sunday. Both melees were none in snapping a personal 11-triggered by batters being hit begame losing streak. His last majorpitches and charging the mound. league victory was May 2, 1986. The fights may have been the product of pitchers' frustration — 12 cut him on April 15. homers were hit in the two games..... Tigers 9, Orioles 3c. In Baltimore, Bell, who had not hit the ball out. Kirk Gibson and Matt Nokes hit of the infield in his previous nine.

Compiled by Our Staff From Dispatches burgh. Steve Trout won his fourth

nearly as much time hitting each go, Kelly Downs pitched four-hit other as they did hitting home runs ball for seven innings and Will Clark, Bob Brenly and Matt Wilthis weekend.

"It was a fairly exciting series,"

Clark, Bob Brenly and Matt Williams hit home runs that led San
Buddy Bell said Sunday after his

Francisco over the Parks.

And Burde De La the America

BASEBALL ROUNDUP

RASEBALL ROUNDUP

Angels 8, Royals 9: In the American League, in Anaheim, California, Jerry Reuss pitched an eighthitter in his American League 10th-inning home run gave the debut as California beat Kansas City. Renss, who was 0-5 in eight The teams engaged in bench- National League appearances this clearing incidents on both Satur- season, struck out six and walked

of the infield in his previous nine two-run homers, Chet Lemon addat-bats, homered into the left-field seats with one out in the 10th.

Astros 6, Dedgers 1: In Houston,

Jim Deshaies won his fifth consec-ntive decision and the Astros scored four runs in the first to de-California, Bob Brower homered feat Los Angeles. A throwing error twice, including an inside-the-park and a wild pitch by pitcher Rick grand slam that keyed Texas's sev-Honeycutt and an error by third en-run second in the nightcap, as baseman Phil Garner helped the the Rangers split their double-Astros to take their lead in the first. header with the A's. Oakland's

# On First Day of Matches

Wimbledon Rained Out

WIMBLEDON, England — The opening day of the 101st Wimbledon tennis championships was wiped out by rain Monday, without a ball being struck on any of the 18 grass courts.

After a gloomy, wet, overcast day at the All England Club, organizers announced late in the afternoon that there would be no play. It was only the fourth time in the history of the Grand Slam tournament that the whole of the first-day program has been rained

The decision was a bitter disappointment for the thousands of spectators who had braved the weather with raincosts and umbrellas for a place in the stands.

Hana Mandlikova, meanwhile, withdrew from the tournament with an injured right foot. Mandlikova, who lost the 1986 Wimbledon final to Martina Navratilova, was seeded No. 4. Her place will be filled by Helena Sukova, who was seeded fifth. Ninth-seeded Claudia Kohde-Kilsch takes Sukova's place, and Sylvia Hanika becomes the No. 9 seed. Playing in Hanika's place will be Anna-Maria Fernandez.

### SCOREBOARD

### Baseball

Sunday's Major League Line Scores

| 29 919 911-9 11 | 37 ord | 38 ose | 3 350 000 01x-9 11 1

1), Surks (11].

11) Surks (11].

12) Sits 600—5 18 8 1 Honeyculf, Hovens (51, Howell 18) ond veilland 900 900 900—6 3 8 (30ccla); Destructs, Anderson 19) and Revision 9 (2), Armstrone (6), Yelf (9) and Demopory, Job (9), W. Coucherrone, 50, L. Schrome, 4d. Philippers 180 101 900—3 16 8 100 102 900—6 8 2 102 900—6 9 8 102 900—6 8 2 102 900—6 8 2 102 900—6 8 2 102 900—6 8 2 102 900—6 8 2 102 900—6 8 102 900—1 102

85--Milwoukee, Youri [5], Deer Hai; 1910, Moseby 1111 Upshow 18], McGriH 18],
10090 189 129 101-4 13 1
1998e989 201 189 035-4 11 0
1998e989 201 189 035-5 11 0
1998e989 301 189 035-5 11 0
1998e989

Konsos City one see see 8 2 Im Thorse, \$15,004
Coliferatin set 710 Box 818 82 Im Thorse, \$15,004
Stoddord, Farr 13), Shirtev 17L Gleoton 181
Control Overs; Reuss and Boars, W—Reus, 1-0.
L—Stoddord, 8-1, Hrs—Colifornia, Javeer
(14), Boone 191.
NATIONAL LEAGUE
Mentred:
St. Leets 13d 800 603-7 9 1
St. Leets 13d 800 603-7 9 1
Jode Audd, \$7,40
Jim Woodward, \$7,40
John Poolev, \$7,70
Dan Poolev, \$7,70
John Poole

Joy Den Bidde, 57,79 GB, Steve Park, 92,720 ( Crois Stadler, \$7,720 1 Danny Edwards, \$7,720 2 John Mahaffey, \$7,720 11/2 Hol Sutton, \$4,555 14 Tany \$1119, \$4,555 W L Fcl. GB-42 25 A27 — 42 27 A09 1 36 29 554 5 35 39 530 8 31 37 A54 11½ Cony Stills, 16,200 Ken Green, 56,535 Dale Douglass, 56,535 Keith Clearwater, 56,335 Scott Hach, 55,426 Sandy Lyle, 58,426 Lanny Wadkins, 55,626 Danis Watson, 57,626 West Division 37 27 574 — 35 21 530 3 35 32 522 275 35 33 515 4 Ainnesota Kansos City Daktand Seattle Texas California Chicaso Rodger Davis, \$5,426 Barry Jaeckel, \$5,426 Barry Jaecket, 15,424 John Caok, 15,424 Sam Randolph, 54,857 Raymond Floyd, 54,857 Wayne Grady, 54,857 Rolph Landrum, 54,240 34 31 537 5%, Rolon Loadrum, \$4.240
36 34 455 11 Roper Melible, \$4.340
29 34 446 11½ Roper Melible, \$4.340
36 31 537 — Grey Norman, \$3.442
37 31 544 % Joer Sindelar, \$3.442
31 32 29, David Habby, \$3.462
31 38 441 7½ Gil Morgan, \$3.462
32 48 314 14½ Ed Dougherty, \$3.462

Basketball NBA Draft Selections

5. Scuttle (from New York), Scuttle Pippen, f,

Central Arkansa.

6. Socremente, Kenny Smith, e. North Caretiin the NBA draft Monday.

Transition

BASEBALL BASEBALL
American Leepess
CALIFORNIA—Put John Candetoria, pliciter, on Is-day disabled list. Transferred Donnie Moore, pitcher, from Is-day disabled list to 21-day. Signed Jerry Reuss, pitcher. CLEVELAND—Purchased contract of out-fielder Casey Porsons from Buffels. American Association: sent outfletder Doug Frobel in Buffels.

72-70-70-79-29

70-67-77-79-292 74-49-75-75-292 76-47-79-71-293 73-71-74-75-292 73-69-75-76-293 73-73-71-76-293 73-72-73-76-294

74-49-74-74-295 70-71-79-75-295 75-71-74-74-294 73-70-75-74-296

can Association: sent outfielder Doup Frobet to Buffele. NEW YORK—Optioned pitcher Charles Hudson to Columbus, International Leasue; recalled pitcher Bob Tewisbury Iram Colum-

David Oprin, \$3,145 Dave Eichelbergr, \$3,165

SPANISH FIRST
Real Modrid 2. Empanol 2.
Barcelona 3. Zarogoza 2
Mollorca 1, Olien 1. Ne
Peal Sociedad 2. Sevillo 1
Bettis 2. Atteltos Modrid 1
Murcla 4. Valladelld 1
Las Polmas 1, Atthetic 2ll
Castis 0. Sobodell 1. Ne

Codiz Q. Sobodell Q. 16

Las Palmas Sabaderi

European Soccer

SPANISH FIRST DIVISION

ngs 1, Athletic Bilboo 2

SPANISH FINAL LEAGUE STANDINGS

17 12 48 45 42

Holomore to the second of the second of

73-68-72-72-284 70-72-71-73-284 70-75-71-68-284 71-69-72-74-284 59-74-49-74-284 72-71-69-74-284 74-77-72-49-287

70-75-71-71-207

71-70-72-72-257

73-71-71-73—287 72-72-67-74—287 74-78-78-74—288

71-70-75-77--386

71-70-75-72-200 71-74-75-69-200 70-73-49-74-200 74-71-44-79-200 70-74-73-73-209 70-74-73-73-209

73-77-72-73—289 69-74-72-74—289

75-46-72-74-289 73-76-72-74-289 72-76-72-74-289 72-46-74-75-289 71-71-74-73-290 68-73-74-73-290

73-76-74-73--290

22-71-74-74-291

76-49-70-76--291 70-48-76-77--291

72-49-74-77—272 75-71-73-71—272

### Robinson First Pick in NBA Draft

by kicking it ahead," sternly warned a guide to football amèri-cain distributed to spectators.

Like most of the others on the

field in the Casque d'Or, Wephre

had no football experience until a

few years ago. St. John found a team while jogging through the Bois de Boulogne and noticing the Jets at practice, but Wephre

was recruited by an English friend at STC Corp., where he

works as an engineer in fiber op-

At 187 pounds and 5 feet 11

inches (85 kilograms and 1.8 me-

ters), Wephre is standard size for

a French lineman, although some

defensive linemen go up to 6 foot, 3 inches and 220 pounds. But he finds pass blocking easier than serving as president of his team.

"On the field, we have no prob-

formed in 1984, played our first games in 1985 and won the Casque d'Or that same year. We slipped a little last year, losing in

the quarterfinals, but here we are

again." He spoke before the blowout ou the field.

Wephre credits an active re-

cruiting policy for his team's march to the big game. "We look for players everywhere, in the

streets, the office, even in the sub-

ways. First we look at his size,

then we try to see if he can run.

work to keep the team going, All

we play for are fun and pleasure. Nobody gets paid."

Still he predicts a shiny future

for the game, especially if it catches on with school children,

to whom football remains the Eu-

ropean name for soccer.

"Off the field, it takes a lot of

York:

1. Som Antonie, David Robinson, c. Navy.

1. Phoenix, Armon Gilliam. I. Nevodo-Lna Venio Spurs, who sank to the bottom out.

Of the Midwest Division standings of the Midwest Division of the Midwest Division standings. The Associated Press the past two seasons after years of having solid teams, took Navy'a Keith Moreland's home run and McGwire each homered and dou-David Robinson with the first pick three RBI led the Cubs over Pitts- bled in the opener. (AP, UPI)

The Spurs selected Robinson

7. Cteveland, Kevin Johnson, a. California,
a. Chicago Ifrom Denver vio New York, Otc.
ar Polymics, c. Virginic Ritmich, Italy.
7. Seattle, Derrick McKey, I. Alabama.
14. Chicaga, Horoca Grant, I-c. Cleman. playing in the NBA for two sea-sons. If San Antonio doesn't sign Robinson before the 1988 draft, a judge or an arbitrator will deternine whether it will keep the rights

to him for another year. Robinson holds 33 school records at Navy, and was among collegiate leaders in points, rebounds and blocked shots last season. As a senior, he was third in the nation in scoring with a 28.2 average, fourth in rebounding with 11.8 per game and first in blocked shots with 4.5

per game. The Phoenix Suns took forward Armon Gilliam of Nevada-Las Vegas with the No. 2 pick. Gilliam, nicknamed "The Hammer," averaged 23.2 points and 9.3 rebounds for University of Nevada-Las Ve-72-72-49-79--292 72-69-73-79--293 gas last season.

The New Jersey Nets took guard Dennis Hopson of Ohio State, filling a gaping hole at the shooting guard position. Hopson was Big Ten player of the year in 1986-87 after finishing second nationally in scoring with a 29.0 average. Honson also set a single-season

conference scoring record with 958 points, helping the Buckeyes reach the NCAA tournament. Hopson had 17 games with 30 or more points as a senior while dividing time between forward and guard.

The Los Angeles Clippers, with the first of their three first-round selections, took Georgetown's Reggie Williams, a forward in collegwho is projected as a guard in the NBA. Williams, who earned MVP honors in the NCAA championship victory over Houston as a freshman, developed well as a scorer and all-around player in his junior and senior seasons, averaging 17.6 and 23.6 points, respectively.

Seattle, using the first-round pick it acquired in a trade with the New York Knicks for Gerald Henderson, produced the first big surprise of the draft when they took Prise of the trait when the first smallto the first section of the trait when the first section of t Aloha Classic, a post-season allstar game.

He averaged 23.6 points and 10 rebounds as a senior but was ignored by major-college recruiters after graduating from high school

### Seaver Retires From Baseball

United Press International

NEW YORK — Tom Seaver, attempting a comeback with the New York Mets at the age of 42, retired from baseball Monday just 16 days after rejoining his old club. Scaver, a certain Hall of Famer who led the Mets to a World Series title in 1969, said he was unhappy with his progress after being sidelined for

"I can't complain about anything," he said at a Shea Stadium news conference. "I have had more than my share of accomplishments, championships and good times. You have to know when it is time to go.

Now this is the time for me to go." A knee injury prevented him from pitching in last year's playoffs and World Series with Boston. He became a free agent after the season and June 6 rejoined the Mets. Seaver, with a 311-205 record and 2.86 ERA in a 20-year career, arrived

at his decision after a simulated game Saturday at Shea Stadium.

"I went home that night and discussed everything with the family," he said. "I know myself better than anyone and I came to the conclusion that the 4,000-plus innings, the knee injury and the long layoff had finally

Seaver entered the majors in 1967 and pitched more than 10 seasons for the Mets. The right-hander won the National League Cy Young Award three times — in 1969, 1973 and 1975. He won 20 games five times, including a 25-7 mark when the Mets in 1969. He led the NL in ERA and strikeouts in 1970, 1971 and 1973.

**GENEVA ESCORT** 



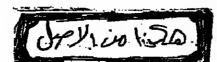
Ayrton Senna waved the Brazilian flag after retaining his Detroit Grand Prix title Sunday, with a victory over comnatriot Nelson Piquet. Senna raced his Lotus Honda over the 2.5-mile course in 1 hour, 50 minutes, 16.4 seconds.

ESCORTS & GUIDES	INTERNATIONAL CLASSIFIED			ESCORTS & GUIDES
INTERNATIONAL	(Continued from Pages 6)		AMSTERDAM, LEANET ESCORT Ser- vice. Tel. (320) 326420 or 340110. AMSTERDAM, LASMIN ESCORT Ser-	
	ESCORTS & GUIDES	ESCORTS & GUIDES	ESCORTS & GUIDES	vice. Tel: (0) 20-865242 ATHENS INTERNATIONAL Executive
ESCORT SERVICE USA & WORLDWIDE	LONDON	CHEISEA BSCORT SERVICE.	LONDON BLONDE ESCORT Service. Tel: 10-58) 1679. LONDON MICOLETTE French speck-	Excert Service. Tel: 722 8241  ENGLISH ROSE Excert Service. London 450 6975.
Head office in New York 330 W. 56th St., N.Y.C. 10019 USA 212-765-7896	BELGRAVIA Escurt Service. Yel: 736 5877.	Tel. 01 584 6513/2749 (4-12 pm)	ing Excert Service. Tel; 01-834 0891.  LONDON OBSENTAL GUIDE and Except Service. Tel; 01-243 1442	FRANKPURT "TOP TEN" ESCORT Service. 069/55-88-26 AMSTERDAM REENADETTE SCORT
212-765-7754	MAYFAIR CLUB	ZURICH - NATHALE ESCORT SERVICE. 01/47 55 82	MUNICH - EASINESS Excert Service. Tel: 311 79 00 or 311 11 06. EVECATCHESS LONDON ESCORT	GENEVA DANY ESCORT SERVICE Tel: 022 / 36 97 75.
MAJOR CREDIT CARDS AND O'ECRS ACCEPTED Private Memberships Available	ESCORT SERVICE from 5pm ROTTERDAM (0) 10-425-4155 THE HAGUE (0) 70-60 79 96	*****GENEVA BEST	Service, Tel: 01 519 5252, GENEVA CHRISSIE RSCORT SERVICE Tel: 430 1 17	Tel: 01-834 0891.  OSLO GUIDE SERVICE. Tel: 9cm to
LONDON	NEW YORK CITY	ESCORT SERVICE. 022/ 21 03 40	IONDON & HEATHROW Exact Service. Credit cords. 749 3062  LONDON EXCLUSIVE ESCORT Service.	3pm only 445559  AMSTERDAM, S.H.E. RSCORT and Guide Service, Tel: 947800.
Portman Escort Agency	L'IMAGE Escort Service 1-800-445-0935 212-684-1090	ROME CLUB BUNCHE ESCORT & Guide Service. Tel: 06/589 2604 or 589 1146 (from 4 pm to 9:30 pm)	vice. Tel: 01-352-0498 LONDON CACHET International E- cort Agency. 289 5108.	02-733 86 47, Credit credit credit
Lendon WI Tel: 486 3724 or 486 1158 All major ovelit cards occupted	CAPRICE-NY	KOELN - D'DORF - BONN - ESSEN + area (LCA: Secont Agency, Credit Cards, Tals ((221)) 34 00 84.	MUNICH - SECRET ESCORT & Guide Service. Tel: 089/ 44 86 038.	MEAN EXCUSIONS - ATT - AS
	ESCORT SERVICE BN NEW YORK TEL: 212-737 329T.	* - ZURICHA * CAROLINE ESCORT and guide service. Multilinged. Tel. 01 252 61 74.	ZURICH MARSHA'S ESCORT Service. Tol. 01 / 242 36 52. LONDON KRYSTLE ESCORT Service.	Service. Tel: (372) 869 1479  MUNNICH - REMEMBER A ESCORT and Guide Service. Tel: (99/912314
LONDON KENSINGTON	** ZURICH 558720 **	MADRID IMPACT escent and guide service. Multingual, 261 4142	Tel: 01 937-46-70. LONDON ONLY JAPANESE ESCORT Service, Tel: 01 370 0634.	Service. Telephone: (1) / 157 00 00
ESCORT SERVICE O KENSINGTON CHURCH ST, WIL TEL: 927 9124 OR 937 9133	Private Tourism Golds Service Credit Cards Accepted	TORYO FIRST CLASS ESCORT / GUIDE SERVICE, Tel: 351 22 78.	LONDON GOLDEN TOUCH Escort Service, 01 724 1901.	LONDON ESCORT SERVICE Tel: 937 LONDON ESCORT ACENTY
All major credit cards occupted.		SOFFIE FRENCH speaking EEC Excert Service. Tel. Landon: 01 723 1117.	DUESSELDORF TOP ESCORT + Trow-	Tel: 935 5339.
ARISTOCATS	**** MADRID Glomour Escort Service, Tet, 259 90 02.	LONDON RIRASIAN multingual E- cort Service, Tek 937 2423	FRANKRUKT + AREA Ovisions Escort Service, 069/364656, Credit Cords	Pages 22 & 6
Lendon Escart Service 128 Wigmore St., Landon W.I.		VENNA YOUNG ESCORT Service.	LONDON ORIENTAL ESCORT Ser- vice. Tel: 01 584 7210.	FOD MORE
All teaper Credit Cords Accepted	CONTOUR ECCORT	HEADERFUEL - MYGER CORECTION ESCORE	FRANKFURT NUMBER ONE Front	

PRANKFURT - Private Collection Escott
+ troyal servica. Tel: 67 88 05.

NEW YORK, MEJISSA Escott Servica. Tel: 6272, 684 2775

MELAN Y.I.P. INTERNATIONAL Escott Servica. Tel: (217), 684 2775



### ART BUCHWALD

# No Credit for Adultery

WASHINGTON — "Washing-ton School of Applied Ethics and Morality. Can we help you?" "My son is coming to Washing-ton this summer and I would like to

know if you are giving any courses in hypocrisy, betrayal and sleaze?" Yes, we have an excellent curriculum that will lead either to a bachelor's degree in stonewalling or a master's de-

gree in perjury." Can you give me some idea of what you're of-fering?"
"We have a

fering?"
"We have a popular class in lying. We hold moot congressional hearings in which the stu-

dent is chal- Buchwald lenged to wriggle out of answering any compromising questions." "How does he do that?"

By using the Elliott Ahrams defense. When asked a question the student is taught to reply something like, 'It probably happened but I don't remember it,' or 'I don't remember it but if you say it took place I'll accept your word." "Is Abrams the instructor?"

No, he has nothing to do with the school. But the students look on him as a role model."

"It doesn't surprise me. He's evcrybody's role model."

### Fragonard Sold For \$800,000

Agence France-Presse MONACO — A Fragonard landscape showing a watering place was sold to a Swiss buyer for 4.884.000 francs (about \$800,000) Saturday as part of a three-day sale of paintings, Italian drawings, furniture and china staged here by Sotheby's and the Monaco SBM firm.

Another buyer paid 2,331,000 francs, five times the estimate, for Micbel Garnier's "Merveilleuse sous les Arcades du Palais Royal." The Michel Gaud collection of Italian drawings from the 14th to the 17th centuries made a total of 12,870,000 francs (\$2.1 million). Some 90 architectural drawings were knocked down for 3,270,000

ington this summer I would advise that he take a seminar in special

Drosecutors." "I didn't know you could take a whole seminar in them." "It's essential if you're going to work for the administration. Let's

say, for example, your son, while in Washington, gets involved in a defense factory hribery case. In exchange he receives stock and cash as a reward. As soon as it becomes public what he is up to, he is entitled to his own special prosecutor. We demonstrate how be can face up to a prosecutor while keeping damage for himself to a minimum. "How is it done?"

"The student asks for immunity and then agrees to rat on all the other people involved with his

"But isn't that dirty pool?" "No, dirty pool is another course where government officials learn

how to help polluters get around the EPA," "Since we're talking about morality, do you have any studies in

"Your son can take adultery, but he won't get any credit for it."

What about greed?" "Greed is required, and you can't graduate without it. We teach that there is nothing wrong with being greedy if it's in your country's best interests."

"My son hopes to work with one of the federal agencies. Is there a lot of sleaze involved with this?"

"It depends on how much work be does for the vested interests. We offer all the standard white-collar crimes. What our students do with them is their business."

"My son wants to know if you teach students how to shred incriminating documents."

"Each student is required to own a paper shredder and burn bag. The burn bag can also be used to carry his lunch.

"You have a fun school." "We try to make our students good citizens, even if they have to lie to do it. As Ollie North said. There is more to government than rewarding your friends and punishing your enemies." How much more?"

"Come to think of it, not much."

# James Dickey: Of Air, Flight and Stars

By Charles Trueheart Washington Post Service
OLUMBIA, South Carolina The belly of James Dickey swings gently to and fro, keeping time with his measured stride inside the black mesh fabric of his

sleeveless shirt. When Dickey comes to rest, he settles with a grateful sigh into the low-lying sofa in his suburban living room. He is 64 - "less than a year from official senility," he says, not entirely blithely.

Dickey has slowed down, and there's a reason. He was very close to death last year. "They drilled three holes in my head," he says, hrain surgery for a subdural hematoma; he's fine now. He has also given up his legendary drinking. 'I think too much of my

body," he says.
In what might be called Dickcy's second life, he's the husband of a 35-year-old former student, Deborah Dodson Dickey, called Debba, who is nearly as tall as he. and he is 6 feet 3. He married her in 1976, two months and two days after the death of his first wife.

They have 6-year-old daughter. Dickey's poems, mystical ex-cursions into eros and the wilderness, won him the 1966 National Book Award (for "Buckdancer's Choice"). He served two terms as Consultant in Poetry to the Lihrary of Congress.

Clear and wise and vigorous as his poetry was, Dickey was fam-ous too for his own self. It may be said that he cultivated a personality - two-fisted, drawling, lusty, nerous, steeped in whiskey that came quite naturally.

His rollicking performances on the barnstorming circuit of poetry readings left deep and disarmin impressions: of the possibilities of lyrical vernacular, of an almost dangerous backwoods energy wrestled into the fragile filaments of verse, all grace and power.

Dickey had two deadening careers, as a college teacher and then a composer of advertising jingles, before be turned to writing poetry full time at 38. But by 1970, he wrote the novel for which he is best remembered. "Deliverance," and its screenplay. Poems ooted especially for

their reach have followed, and

much else that accrues to versatile talent; criticism, children's books. a teleplay of Jack London's "Call of the Wild," an autobiographical exercise called "Self-Interviews" and assorted decorative senti-

ments in books of pictures.
In January 1977 he delivered lines he had composed for the inauguration of his fellow Georgian, Jimmy Carter, one uplifted limbo's tribute to another,

But for a long time, in the back of Dickey's mind, has lurked something else, something bigger than a poem, bigger than a hread-box, bigger than "Deliverance." It is "Alnilam," pronounced "Ahl-nee-LAHM," a 682-page bruiser of a novel that Doubleday recent-I waited 17 years after Deliv-

erance,' because I wanted to do something different from that, to go out on another sort of edge, other sort of periphery, and to write a oovel, if I could that would have, maybe, philosophical implications, that would make 'Deliverance' in contrast look small and mean." "Really the book is about the

air," Dickey says. About the air, about flight, about the stars. Airilam is the center star in Orion's belt, a constellation described by one astronomy guide as "bathed in tenuous nebulosity."

'Alnilam" is a tale told by a hlind man, Frank Cabitl. He has learned that his only son —whom he never knew — has died in a crash during a flight-training ex-ercise; the time is World War II.

Cahill, an impassive carpenter, makes a long bus journey with his German shepherd to an Army Air Corps base in North Carolina to find out what happened.

The facts of the accident are

curious enough. By official acflier in his class, someone to whom flying was a sixth sense. Joel's plane went down - was sucked down, perhaps — in a brush fire he had plenty of reason A farmer pulled him from the

burning wreckage, badly wounded but alive, and took him home. But in the ensuing confusion of the fire, when Joel was left alone, he managed to walk off. He is presumed dead.

The more Frank Cahill talks to his son's fellow trainees, the more he begins to understand that Joel



James Dickey: Between poetry and fiction.

oracle of sorts, a priest of flight. And the young men Joel drew into his web have become his disciples: a secret society named Almlam, bound to execute the fallen

martyr's will. The book in Dickey's words, is "a study of the sources of power, the nature of persuasion itself, the asks: "Why would these boys follow this kid so hlindly? Is it because he's a genius in an air-

"He hasn't left them any program," he goes on. "He exists only in hints and parables and enigmas and aphorisms," he adds. "Rather like Jesus."

Not to put too fine a point on it, Joel Cahill has announced himself, and Dickey's intentions, with his initials, with the many tales

was special, not of this earth, an and versions of tales told of him in awe, with the puzzling circumstances of his "death" on the land of a farmer named Bledsoe.

There are people who disap-pear and their bodies are never found, but people always claim to have seen them," Dickey says, "I wanted the hint placed, maybe not too strongly, that he's going to come back. He's going to be resintected, or appear at some crucial time." Who is Joel?

"I think Joel is based partly on Chris," Dickey says with surprisingly little hesitation. He is referring to his oldest son, Christopher Dickey, author and Cairo bureau chief of Newsweek, "Partly but not entirely. Chris is not that fanatical or that charismatic,"

But Joel is also based partly on John Cornford, the young com-munist killed in the Spanish Civil ward and pushes himself to his feet. "Enthusiastic, imaginative, rebellious, mysterious and enigmatic youth - I wanted all of that," Dickey says.

Then he thinks of another way to put it. "He's the Rimband of the air," Dickey declares. "And I don't mean R-A-M-B-O, I mean

R-I-M-B-A-U-D." Dickey settled here 17 years 820 to become writer-in-residence at the University of South Carolina. The inside of his conventional ranch house is manifestly the writer's domain: books stacked spilling out, crammed; each unshelved wall a shrine of Dick-

There's never been any question at all in my mind that poetry is a superior art to fiction, but fiction has got one thing that you cannot do as effectively in poetry, and that is develop a narrative with people in it," he says. "Poetry is too highly concentrated, and too compact, to allow the relax-ation and the leisure and the flow that the novel affords."

"Alnilam" is unremitting in the literal sense - no sections, no chapters - and punctnated by what some might call poetry, and some might not.

Pushing the envelope of the novelist's art, and conceivably the reader's ease, Dickey has tried something else in "Alnilam": long passages printed side by side on a

single page. On the left, or "dark," side, in boldface type, are the perceptions of the blind narrator - how he imagines the people he meets. how his memories and dreams crowd his sightless vantage on the world. On the right, or "light," side, in lightface type, are what the others see.
"Did it bother you to read

that?" he asks. "I think everybody has to work out his own method." This is a big book, big in its audacity, big in its themes, big in the number of pages it has. James

Dickey knows this. "I told somebody, in the facetions mood I must have been in, that I wanted to do for air what Melville did for water," he says. "Now wouldn't that be some-

thing! It's a different element, and it's just as big. In fact," he says, "it's bigger!"

### PEOPLE

Monaco Denies Reports Of Marriage for Rainer

Prince Rainler of Monaco whose wife, Princess Grace, died after a car crash five years ago. plans to marry the German-born society figure Princess Ira von Furstenberg later this year, the British newspaper The Mail on Sunday said, quoting her son, Christoff Ho-healone. No way, said a Monaco palace official Monday; Rainier, 64, would "absolutely not" wed the 47-year-old princess. "All these declarations come from the Furstenberg family. The Monaco family has said nothing," the spokeswoman said.

Maurice Bejart, the choreografi pher and director of the Ballet of the 20th Century, says his decision to move his ballet company to Lausanne, Switzerland, from Brassel; was motivated by a sense of adventure rather than by money. In a statement released by Lausanne officials, Bejart, 60, disclosed that he had been offered the same financial. conditions to move to Paris as he had finally accepted in Lausanne, but added: "I am not a football star trying to pash up the bids between rival countries, but a lover and servant of dance." Swiss newspapers have reported that Lausanne offi-cials offered Bejart an annual budget of 5.2 million Swiss francs (\$3.3 million) to bring his company there. The 60-member company. based Brussels for 27 years, will give its first performance in Lausame on Dec. 18.

.0 After wind and rain washed out Madonna's first scheduled concert in Tokyo, the rock star finally sang for 35,000 people in an outdoor performance Sunday. Bot 2,000 people who stood in line went away disappointed because the concert was sold out, organizers said. About 40,000 ticket-holders were were turned away when the Saturday concert was canceled. . . In Milan, Frank Sinatra canceled a

concert at the Campione Casino because "Singing in the Rain" cost him his voice, organizers said Mon-day. Sinarra lost his voice after performing in the rain Samrday at the Verona Arena. The singer, who is on a concert tour of Italy, refusedto take cover with the orchestra: under canyas tenting and instead broke into "Singing in the Rain." Sinatra expects to perform in Gen-oa Wedneday.

### CONGRATULATIONS and BIRTHDAY MESSAGE CENTER

CONGRATULATE SOMEONE, YOU'T feel better oil over. Just confoct your necrest IHT rep or Pans 46 37 93 85. ANNOUNCEMENTS LOSE WEIGHT, GIVE UP SMOKING through Learn Street or SMCRANG through Learn Street control in a very exclusive private medical clinic in 
W. Germany, 45 mins Zurich Amport, 
Write or phone CHRSTIANA CLINIC, 
Menzenschwander Str., 32, D-7822 St 
Blassen, W. Germany, (0) 7672-48010. AMERICAN HOSPITAL OF PARIS:
Accredited U.S., Hospital, 24 hour Emergency Service. Exploit spoken. Blue Cross, 65 Bookevord Victor Hugd, 17222 Newly Ser Seine. (10 menutes from Etole). Phone: 47 47 53 00.

FEEUNG low? - having problems? SOS HELP case line in English, 3 p.m. 11 p.m. Tel: Paris 47 23 80 80. ALCOHOLICS ANONYMOUS in English, Paris (doily) 4634 5766, Rome 678 03 20. Netherlands (020) 256057

PERSONALS WILBUR SMITH & please contox

MOVING

**ALLIED** WORLDWIDE MOVING

PARIS: DESBORDES

NICE. 41 43 43 22 64

NICE. 93 21 35 72

FRANKFURT LM.S. (069) 250066

LONDON AMERICANS

(01) 953 3636

USA: ALLIED VAN LINES

(0101] 312-681-8100

CONTINEX. Small & medium moves, baggage, cars workswide. Call Char-lie: Parts 42 81 18 81 (near Opera). EDUCATION

SUMMER COURSE SWITZERLAND Lousanne / Geneva, Intensive French, Also with boarding. Detosis. Ecole-Lemania, Lousanne, Switzerland, Tel 21/201501 Fax 21/225700 Tlx 450600

COTE D'AZLIR. Villefranche sur Mer, adorable villa, 3 roures, 50 sc.m., fan-lasse panarame view. Fl. 600,000. Promption Mazarl, Mrs. Rossi. Tuhif., 06 Nace, 93 88 37 37. Tb. 461235 NEAR CANNES, Exceptional 14-och estate, main house, 5 bedrooms, puer house, tennis, Undervolved 25% Tel 93902440. Tix BSC JOHNO 305551F

COTE D'AZUR, WEST NICE, Superb villa, 400 sp.m., 2600 of land, indepan-dent appartment, pool, ponovanie sea view. F5,500,000, Promotion Mozart -Mrs. Rossi, Rohli, 06000 Nics. Tel: 93,88,37,37, Tix; 461235.

MONACO

MONTE CARLO Principality of Monaco Unique in Primopolity of Monoco.
Superb posthouse in a modern residence with park swimming pool and lennis court. 325 sq.m. Irving spool.
Longe 850 sq.m. Ir

INTERMEDIA Monte Carlo Tel: 93 50 66 84 Th: 469477 MC

### REAL ESTATE FRENCH PROVINCES REAL ESTATE REAL ESTATE CANNES Fromos Promotion offers: nore find, Croisette apartment, sumptiously deco-rated, 3 rooms, 170 sp.m., cellor gerage, F6,600,000, Tel: 93 38 62 62.

PARIS & SUBURBS

AVE D'IBNA

5 sq.m. plus 10 sq.m. porio, nece vikling, F1,350,000 Agence Bolle 42 67 40 07.

PENTHOUSE ON RIVER SEINE

Ponoromic view, top floor, 2 terrooss, 150 sq.m., 2 technoms, perfect cardinon. Exclusive. BARMARA FREING - 6 Pl Vendoms 75001 PARIS. TEL: 42 96 95 52

17TH, BATIGNOUES

DIRECTORRE TOWNHOUSE 400 sq.m. fiving space. Excellent tote. Pleasure garden. Ff6.300.000. SOVIA - Tel: 39 54 68 00.

FIEURINES. In attractive village, enci-cled by forest, only 35 mms autoroute from central Paris, newly decorated pencel cottage and worled garden, sized weekend retreat, Compu-F690,000. Owner France 93 79 02 97

3rd MARAIS. Neor Picosso Museum, 2-room oppriment, 40 sq.m., cill equipped. F615,000. Sold by owner Tet. 47 00 26 04 or 42 78 82 68.

In an cost of greenery, 300 sam, living space. Bevotor, parking, new conditi M.G.N. 43 87 77 55

FOR SALE Principality of Monaco SPLENDED 3-ROOM APARTMENT

For further details, please contacts A.G.E.D.I. 26 bs., Bd Princesse Charlotte MC 98000 MONACO Yelr 93.50.66.00 - relux 479 417 MC

4TH, PLACE DES VOSCES
Duplex, 180 sa.m., Inving, high onlings
study, 2/3 bedrooms, 3 boths, Perfect
condition, Suriny, Euclusvity.

17th CENT, BUILDING
200 sq.m. Lots of charm, on vest east, large solent Versilles parquet, diving toom, inchen, 2 spaceus bedrooms, one with decorated bearn. Very beautiful with high coling — 20 sq.m. studio, RRELING - 6 Pt Vendoms 75001 Parts. Telt: 42 96 93 52

NEAR BAC (7th) High class building.
Elevator, 2nd Roor,
SCRUPALCUS 240 SQ.M.
3 receptions, 3 bedrooms, 2 boths,
2 maids rooms, parking fto rent
Justified high price. (1) 45.53.24.03

MAJETTE SUR BOIS Exceptional deplets, 220 sq.m 3 isceptions, 3 bedracers, Perfect condition. On private 300 sq.m. garden. 2 perfungs. Med 5 room. Tel: Dorestoy 46 74 93 33.

RUE DE LILLE, 2 rooms, 2nd floor, 35 sq.m., charm. F850,000; 45 49 19 60.

SPAIN MARBELLA: 5-bedroom / 5-bothroom villa plus guest cottage in garden. Opposite Merbella Cults - Furnished. USJ 560,000. Panoroma, Arcol 2, Marbella (Malogal, Tel. 5/2) 774266. Th. 77464. Fare 152) 822111. PIED-A-TEIRE FOCH. Super learnous building on gorden, balcony, parking, F2,200,000. Mr Optim, 45 62 03 03.

#### INTERNATIONAL CLASSIFIED FOR SALE TO RENT/SHARE SWITZERLAND PARIS AREA FURNISHED

SWITZERLAND Foreigners con buy APARTMENTS, CHALETS & VILLAS directly from SWISS BUILDERS/DEVELOPERS ON LANCE GENEVAL Montreuss, country, side or MOUNTAIN RESORTS from SF125,000, 60% credit, 61% silences, 5

20 years, REVAC S.A. 52, Monthrillant, CH-1202 GENEVA. Tel: 022/341540, Telepo; 22030 SWITZERLAND

isolential opartments, villas, cholets For sole in top data resorts, From SF160,000 to SF3 Million, GLOBE PLAN S.A. 24, Mon-Repos, CH-1005 Louisanne. Tel: 4121/223 512. Thu 25 185 REAL ESTATE TO RENT/SHARE GREAT BRITAIN

WIARREDON POR RENT, LUXURY furnished Town house, 4 beds, 2 re-ceptions, 3 boths. Wimbledon Village During championship, Available now. Tel : 01-876-6333. HIGHBURY FIELDS. Becuriful 2-bed room flot evallable. July-September £160/week. Tel: UK 01 354 5108. MONACO FURNISHED FLAT IN MONACO. Luz-

VILLA SAID AT AVE FOCH, 60 sq.m. duples, 2 rooms, freploce, poho, 3 cellurs, parking. Tel: 93 30 47 40 Monaco between 11-12 room. wry opartment. Speciacular view, Available monthly, Tel US: 202-362-2922 or The 248791. US\$3000/month PARIS ARFA FURNISHED PENTHOUSE, AVE. MONTAIGNE High class, furnished, 130 sc.m. + lerroce. 47 27 97 04/ 42 66 10 05 16th AUTEUIL 2 rooms, on garden, newly decorated, very quiet surny, both, kitchen, F4500; 47 27 41 11.

### PARIS AREA FURNISHED Embassy Service

YOUR REAL ESTATE AGENT IN PARIS 45.62.78.99

NEW WAY OF STAYING IN PARIS The Claridge Residence high class studio, 2 or 3-room oportments, fully equipped, immediate reservations TEL: 43 59 67 97

PARIS PROMO Estate Agent - Property Manager 25 Ave Hoche, 75008 Paris, 45 63 25 60

colors, perfect condition, charm colors. F6,000 net, Tel: 42 36 65 39. 8th AVE MONTAIGNE, Very loan-ous 160 sq.m., living, clining, 2 bed-rooms, 2 bothrooms, houripostly fur-named, F30,000/month, Short learn possible, 47 20 27 17 or 47 27 64 07.

### SHORT TERM STAY, Latin Quarter, Effel Tower, Like a Paraion, fuel of home in fully equipped studies and apartments, Mr. George: 40 56 02 09 8th RUE CLEMENT MARROT, Neor Are Montogers, Living, 3 bedrooms, 110 sq.m. Long term only, F12,000 net, Tel: 45 22 20 01. 17TH, JONGUESE, July 8/or August only, Channing 2 room duplex, well-ecupped, phone, charges included, F4,000 / month, Calls 39 73 24 34, MUETTE, last floor, surny, bolcony, MODERN 2/3 bedrooms with garage, Montpornasse. Short or long turm, Tel: 43 25 35 09.

REAL ESTATE

TO RENT/SHARE

ATT SHARE LEE LYCHV. Somey Hat, 3 bedrooms, 70 spm, june 28th/Sept 30th, F4,500 month, 4342 1269 HIGH CLASS APARTMENTS, Studies to 4-rooms, Short term possible, Infl Contoct 47 55 95 35.

5TH, PLACE MAUBIER (near). Vost studio, oil comforts. F3,500 charges included. Tel. 43.29.85.06. 8TH, RUE DE BERRI, high class build-ing. Living, 1 bedroom, equipped kitchen, both, F14,000. Tel 4577 9534.

ous 160 sq.m., Iving, chining, 2 bed-rooms, 2 bedirecoms, knothiously five possible, 47 20 27 17 or 47 27 64 07. 67H. SAINT GERMAIN, 85 sq.m., Visw, surmy, confortoble, 3 rooms + lorge cire-on kitchen, hol. 2nd Roor, August-December 187. Tels 4633 8762. NIEBLEY, NICE 2-ROOM operament, colm, 100m Metro Port de Neurily, Free July 1 Ell Cct 1 - prolongotion possible, 1500 /morth. Tel 47 47 9417 PARIS - LA DEFENSE, very luminous 5 rooms, 2 bedfs, double garrops, security, frobulous visws, long term restrict. Tel : 45 04 70 83.

Sidthen, both, F14,000. Tel 457 9534. Idichen, both, F14,000. Tel 4

RUE VANEAU, 130 sr.m. seperb du-ples, former crisis disher, Living, din-ing, Z best, Z boths, 6th floor, Bright, Justified key money, Tel. 42 25 50 35. SAINT GERMAIN DES PRES, 17th cen-tury, 2nd floor, 4 meter cellings, 2 rooms, morbled both, kitchenetie. Tel. 45.48.37.65, morning or offernoon.

REAL ESTATE

TO RENT/SHARE

PARIS AREA FURNISHED

6TH VAVIN, beautiful 40sq.m, view, F4,500, Tel. [1] 43 20 75 41 offer 7pm.

15th VAUGIRARD, Next 3 rooms, F6,500, Tel, 42 87 20 01.

6TH. Clumi des Grands Augustins. Lucu-rious, 2 big rooms. F6,000: 4256 1490

7TH, VERNEUM, charming studio, new condition, F4,000, Tel: 42 25 30 04.

PARIS AREA UNFURNISHED

MEAR NICE, Villefranche sur Merwish to exchange from Aug. 2 57 sil Aug. 16 '67. Vary rice oportness, oil comforts, terroux, footing the sea, 5 minutes beach, with house or oport-ment in carried London, rice area, Tel-Poris (1) 42 22 50 35 or (1) 43 26 00 59. Ls. PROFESSIONAL COUPLE seeks 2-bedroom unfurnished aportment in Paris, 75 sq.m. +, elevator, beginning Aug. or Sept. Call 47 47 66 94

HOTELS U.S.A.

TUDOR HOTEL New York 500 rooms, frashareable East Side of Masheston rear United Notions, Reasonable rates, Tele 212-986-8800 or 803-221-1253, Thu 422951,

PLUS

SECRETARIES

PARIS 45 22 01 79

Bilingual English-French, English mother longue. Experience in Advertising appreciant Send CV/photo/solary requires

YOUNG & RUBICAN S.A.

#### EMPLOYMENT EMPLOYMENT EXECUTIVE POSITIONS AVAILABLE GENERAL POSITIONS

LANGUAGE MANAGER FOR PARIS CENTER, 9th

EXECUTIVES AVAILABLE

ARLITHMOUAL EXPOSITIVE (41 years) U.K. based. Highly charged weath of intermedianol trading experience. Background intermedianol mode papers, Seels short or long term assignments for East, U.K. or Entope. Write: Box 44819, LH.T., 63 Long Acro, London, WC25 934, England.

Contoct 47 55 75 35.

IE SAINT LOUIS, VIEW ON SERVE Specifies gives a badproof picture, both 327 4427.

RANELAGH, For 2/6 months, Core.
Double fiving + 1 bedroom on gondos. 19-200 met. Tol. 23 65 39.

FAST EXECUTIVE HOMEFRONG.
Paris & Western suburbs, 45 49 19 40

REAL ESTATE

REAL ESTATE

REAL ESTATE

REAL ESTATE

REAL ESTATE

TOWNS 43 29 42 08. GENERAL POSITIONS AVAILABLE

OUTSTANDING
PERMANENT
OFFORTANTY
NURSE, NUTRICINEST, PHARMACIS
& MD WITH HOUSTIC MEDICINE EX
PERENCE. To act or consultant to
American Vilonin Co. in archaning
compage to the U.S. market. Contacts
Mr. Bustons

© London.

ADVENTURCUS SALESWOMEN needed for Europe's best English language sports/travel magazines. Extensive Iravel in Europe with car & expenses & good stacky commission somed from larget per tousiness. Foreign language on caser as a non-making. Couple, olso considered, Must be uvolabile illegislation by & preference in count to ment to mental for each for an extension in country. Must be available liquidicitely & pref-erence given to people free for at least 1 yr. For infartuation- Switzer-land-041/93/27/40/LIK 01/948/89/07 MIERNATIONAL LAWYERS, 300kg

CENERAL

isoque), Cadin, Spoin, Tel; Sol 763235
BillTISH, 38, Tenale, educated, Ionguopes, travellad, active, European
working experience, public relation;
and soles in travel and hatel industry
seeks position anything legal and it
teresting cartisidened. Free to travel
Write Box 4765, Herald Tribune
9/221 Neutly Cedax, France WOMAN, 26, MASTER'S RUSSIA! English, Diploma translation English French, Arobic, seeks int? posit Mayor Ca Roy, 18 Ave Dumos, ( 1206 Geneva. Available immediat

BNGUSHMAN, 38 yrs old words golden a burler, fraveling companion, militi Friday, (503) 222-1365 USA

Pages 6 & 21 FOR MORE CLASSIFIEDS

### International Secretarial Positions

LTD COMPANIES
Incorporation and management in UK, sile of Man, Gibrather, Turis, Angulia, Fonama, Luberna, Channel Islands, & most other offshora oreas.

• Confidential advices
• Reper shares
• Boot registrations
• Accounting & administration
• Adol, telephone & teles
Free explanatory booklet from:
RNTERNATIONAL CORPORATE
SERVICES LTD
Springfield CL, New Casilateurs
Rd, Douglas, tale of Man
Tel: Dauglas (0624) 26000
Telex 628548 SELECT G
London Representative
2.5 Old Bord St, London W1
Tel 01-493 4244, Tix 28747 SCSLDN G
Fast: (0624) 20786

OFFSHORE COMPANIES Free professional consultation
 Wardwide incorporations
 Immediate ovalability
 Full confidential services
 London representative.
 Full additivistration services Aston Company Formation Ltd., 19 Peel Rd. Douglas, Isla of Man. Tel (0624) 26591. Für 627697 SPRYAC

BUSINESS **OPPORTUNITIES** HOTEL COTE D'AZUR / FRANCE

Offers real deal near cosino in Beaulieu
sur Mer Franch Riverso. Beauthful holal
polace style, 80 rooms, 80 bothrooms,
interer gorden 700 sp.m. Lorge drang
room, bor, salon, 3-stor robra, PriceFF8,900,000, Property walts and ground
also available for FF9,500,000, For furfilter information contact Immo Carpon
Nice, 19 84 Victor Hugo, 06000 Nice.
Tel: 93,88,88,01, Tbc: 970001 F.

DOLLARS - WINNER - DOLLARS. The Winner Club invites arabitious businessmen to join the Winner Society with investments of \$10,000 and up to enjoy high returns within short period. Investments fully guaranteed by Suray Bond of International Insurance Group. 20% interest poad on your investment, interested parties please contact. The Winner Club, 39 Durword Place, Waterloo Ontario, NZ, 425 Canada, Tek 1-519 884-3320, Fax [\$19,746, 4693.] A WELL EST-ABLISHED trading house with entensive experience and contacts in private and public sector throughout india is intensited in representing interests of European or North American firm. Please cartests Choliston Trading Co. [7] Ltd., 206 Vistaldes Chambers, 16 Bombay Somacher Marg. Bombay 400 0017, India. Telephone 287 0694, The 75375 / SKAY. IN. Gram. Packagers.

NASA TECHNOLOGY

BUSINESS OPPORTUNITIES us DULLANS, for glustred borrowers only, lurge amounts ovoilable of com-petitive interest rates for penads up to 20 years. One page overview in tirst instance to 1x 8990117 G or fox 44.1.603 1830. Ref. TP/87

PARIS MARAIS. Rental on gallery, near to Posse Mureum, 42,74,19,44

FINANCIAL SERVICES SWISS HANDLING OF INTERNATIONAL TRANSACTIONS
The key company for:
8 ack to bed, operations
Trusteethy for commercial and financial operations
Assat management
Offshore companies formation, doministration and administration
Please contract is in full confidence of our discretion:
de Berlig S.A. | 3 area krieg |
1208 Geneva | Switzerkami |
Please 022/47 59 80. Fex 46 14 85 |
Telest: 421808 DEB CH

International Business Message Center FINANCIAL SERVICES locars, collicitard commitments, mon-clotes, commission guarantes, non-clotes, commission guarantes, non-crounvention agreements, from Rea Office of a Commercial Book, Arab Overseas Book & Trust (WI), 28 Black Prince Road, London SEI, 725 B171. FINANCIAL INVESTMENTS

BROKERS GUARANTEE YOUR RUTURE New, exciting investment plans avail able through a prominent Swiss base Financial Servicus Company, Invest ments from US\$10,000 - \$1,000,000, Write for details to: P.O. Box 2644 CH-1002 Lousanne, Switzerland

CENTERS IN EUROPE Fully eguipped offices to rent.

Occamination, mod. telex, fax.

Phone, translations.

PARIS

Tel (1] 40.54.53.54, Thx 642187 F
GRREVA

Tel: [22] 321161, The 289159 CH
FREESURG (FRG)

Tel (49) 76 13 19030

Marisons MUSSES Tel: (322) 6402485 Th: 65444 &

OFFICE SERVICES YOUR OFFICE IN PARIS is ready when you need it, even for a couple of boxes

Fully functional modern offices and conference rooms to real by the hour, day, month, etc...

Freshoe making oddress, all services BOSS Bulko EXPRESS

91, Fg St-Hanner 75002 Poris

Tat: 42 66 90 75. The 642,066F

ZURICH-ZURICH-ZURICH YOUR OFFICE AWAY FROM HOME Business Services Consult Corp.
Bohnhofstrase 52, CH-9022 Zurich.
Tek 01/211 92 07. Thu 813 062 BSIC
For: [1] 211 19 22.

MPETUS + ZUBICH + 252 76 21. PHONE / TBLEX / TBLEFAX.

STERNATIONAL ENTERPREER seeks self-motivated, versatile executive secretary to asset sole owner of exponding internationally character of exponding internationally character, professional manner, positive attitude, professional manner, positive attitude, invalid status required. Private accommodation in establishment manufactured in in establishment manufactured by the control of the control flamps, Growth apportunity and barriells for provin individual. Resume and color letter to flact 49, Flaming, PA 16835 USA. OFFICES FOR RENT SAINT CLOUD OFFICE RENTAL American Company offiers sharing rental of 1 furnished office room plug conference plus porting. Limited of fice space evaluable. Convenient for 1 or 2 persons. Also billingual secretarial services, telephone, teles, mail boo etc. Tel: 47 71 37 30 - Mrs. Leocope.

TAX SERVICES US/ PRENCH TAX RETURNS prepared by firm of American Inx specialists / accountants. Advice to prior year abs-files. Tel. Mr Signan 47 66 02 12. Para or Tal. (22) 21 06 14 - Geneva. compage to the U.S. morkes. Consuce Mr. Buyden.

• London, June 21-24, St. Jame's Club, Tel. 629-7688

• Stockholm, June 25-26, Grand Hotel

• Hamburg, June 27, Hotel Inf?

• Cannes, June 28-July 3, Cortion International Hotel SECRETARIAL POSITIONS AVAILABLE

OUTSTANDING P.A. REQUIRED for top-level position with workshole. We in London, Highly Intelligent, with establish English and skills of minimum 120/75 essential for this demanding but lecrative professional position. Send CV with detailed covering letter to Box 443-CL J.H.T., 43 Long Acre, London, WCZE 9.H.L. INTERNATIONAL ted Temporary Agency Shorthand and word processing stalls appreciated.

MINIERVE SEBS for AMERICAN FRANS in PARIS English, Belgion, Dutch or Genton screening, Imperiod of Franch especials, White shorthand, Bilinguoi belevisks, White or phone: 133 Avenue Victor Hugo, 75116 Poris, France, Tel. (1) 47 27 61 69. International Advertising Agency seeks for it's General Manager PERSONAL ASSISTANT

Service du Personnel 23 Albre Modlesson, B.P. 73 97105 BOULOGNE, FRANCE ENGLISH MOTHER TORNGUE secre-izaries with very good knowledge of french required for international cor-portations in fora. Urganity needed by GR Interim, 39 Ave dea Chamos Bysses, 75006 Paris, Tel: 42 25 39 25 or 12 rue de la Paix, 75002 Paris, Tel: Notolie – 43 61 82 11.

ADVERTISING AGENCY SERS Billingued Commercial Secretary Tools include caseing monoping director telephone sales (prospecting) copy typing interception of oil phone calls ward processing expenses a must. Send C.V., photo & solary desired to MAP, 20 rue St Lezore, 75009 Paris. INTERNATIONAL LAWYERS, seeing between 6.00 pm - 10.30 pm tours, hypist infus disciplional french-English. World processing, Write with CV to Modeste Tighe, 25/TQ, 45 res do Pbg Soint-Honore, 75008 Paris.

POSITIONS AVAILABLE INT'L ENTREPRENEUR in London

curies young lady, excellent copper-care as hostess and personal servi-tory. Full or part time. Generally resumeration. Full length photo and cover letter essential, Squ. 44846, Int. 63 Long Azra, Landon, WCZF 931. ADMINISTRATIVE ASSISTANT, Fully bilinguel french & English. Knowledge of French administration & ecountary. For medium-aized international company, Available immediately. Call Notalie, Pors - 42 of 82 11. SECRETARIES AVAILABLE

RANDSTAD Specialized in Highly Gustined Billinguial AGENCY Fully Billinguid Parisu 46 40 39 78 Personnel EFRCIENT, DYNAMIC, self-relicnt, bilingural secretory, moture, perfect
french and English, excellent typist,
responsible, easy to get plong with,
exceptible, US passport/ French with,
exceptible, US passport/ French with,
permit. Seeks post. ?cms 4760 2230
LOOKING FOR A TOP BRINGUAL
Secretary I Call Notatile - GR Interim
Paris : 42 61 82 11.

American management computer constructor seeks for its French subsidiary based in Suresnes (92) AN EXECUTIVE SECRETARY A COMMERCIAL SECRETARY Candidates should:

- be perfectly billingual English-French — have an experience of at least 2 years in similar jobs Following knowledge and experience would be a plus - Spanish and/or Italian - Word processing

Send your handwritten latter and your CV, + salary expectations to our Agency:

B.R.C. - 10, Rue de la Paix - 75002 PARIS

### Piace Your Classified Ad Quickly and Easily INTERNATIONAL HERALD TRIBUNE By Phone: Call your local IHT representative with your text. You will be informed of the cost immediately, and once prepayment is made your ad will appear within 48 hours. There are 25 letters, agree and spaces in the first line and 36 in the following lines. Municipal spaces is 2 lines. No abbreviations accepted. Credit Cardis American Express, Direc's Club, Eurocard, Master Credit Cardis American Express, Direc's Club, Eurocard, Master

HEAD OFFICE Paris: (For classified only): (1) 46.37.93.85. ELROPE Amsterdam: 26-36-15. Athens: 361-8397/360-2421. Brussels: 343-1899. Copenhagen: 45 1 42 93 25. Frankfurt: (069) 72-67-55. Hatelniki: 647412. Istumbul: 145 29 London: (01] 836-4802. Madrid: 455-2891/455-3306.

Bergen (Norway): (05) 134010. Rome: 679-3437. Stockholm: 8/309 119. Tel Aviv: 03-455 557. **UNITED STATES** Chicago: (3\2) 446-8764. Houston: (7\3) 627-9730. Los Angaios: (2\3) 850-8339. Tx. 650 211 7639. Toll free: (800) 572 7212

SOUTH AFRICA

Bryanston: 706 14 08.

Milano: 5462573.

Earlin America Begeter 235 9747 - 256 6096. Beenes Alex: 804 40 31 /9 Ed. 54 (Dept.312), Corrects: 247 2043. Guayyaquit: 52 28 15. Lime: 417 852. Mander: 535 31 64. Parcenta: 69 09 75. Bio de Janeira: 222 50 45. Sectilogo: 696 15 55. MIDDLE EAST Ammen: 62 44 30. Behrein: 256032, Beirut: 341 457/2<sup>-9</sup>.

LATIN AMERICA

Jeddah: 667-1500. Kuwait: 538-6152. Omen: 70 41 86. Tunk: 710 797. FAR EAST Banglade: 258 32 59. Hong Kong: 5861 06 16. Manile: 817 07 49. Seaul: 735 97 73. Singapore: 223 64 78/9. Taiwan: 752 44 25/9. Taiwa: 504-1925. **AUSTRALIA** Melbourne: 690 8233, Sydney: 929 56 39, 957 43 20, Partin: 228 98 23, Partin: 228 98 23, Poddington, Chromiand: (07) 369 34 53.

NEW ZEALAND

Anddond: 775 120.

ATTENTION EXECUTIVES in the international Herald Sri-bune, where more than a third of a million readers world-wide, meet of whom or in horizons and industry, will read it. Just takes as (Paris 61399) before 10 a.m., as-suring that we can takes you back, and your metange will appear within 48 hours. You must include complete and varifiable billing mid-ees.

**OPPORTUNITIES** OFFSHORE & UK LTD COMPANIES

Best seller in USA & UK. Selling wonder-fully. Distributors required worldwide. Low cost investment. Stock crity. Fraken Limited. 18 High Street, Grovesend, Kent UK. Tel. (474) 325771, The 28598 ISTOT G. PINEST INVESTMENT NEWSLETTER. Award-warning Inf I Harry Scholz List-for in its 23rd vecr. \$30 for Irral subscription. PEBC, P.O. Box. 622, C4-1001 Lossanne, Switzerland, The Financial & Freedom-Fighter Letter. OFFSHORE COMPANIES LIK (Bears' Shares). Liberial News! Bank Ac-counts! Fiduciary Services! JFCR, 223 Report Street, London W1. Tel: 01 629 7020, Thu. 89391) G.

DELAWARE, PANAMA, Liberia, Cor-porations from US\$150, Phone: (0624) 28933/ 20240, Teles: 628352 (SLAND) G. (via UK).

**BUSINESS SERVICES** NRGHT VISION-EIRCTRO OPTICS Mil Spacs, Pocket and Rifle Scopes, Binoculors, Longa Ronga Conteros. Agents woulded. CCS COMMUNICATION CONTROL In Forts call: Mr. Michaels 42-97-56-00 In London call: Mr. Bell 01-629-0023 In N.Y. call: Mr. Grant 914-934-8100

DIAMONDS DIAMONDS

YOUR BEST
BUY
Fire diamonds in any price range of
lowest wholestic prices direct from
Antwerp center of the diamond world.
Full guerorise, for free price fit writes
JOACHIM GOLDENSTEIN

DIAMAANTERPORT SYRA

Satchished 1928
Pelikoonstroat 62, 8-2018 Antwerp
Balejam - Tel. (22, 8-2018 An PARIS ANSWERING SERVICE Telex, Fox, secretary, errords, molitox, ive 24-1/day. 30 YEARS EXPERIENCE Cat PAT: 46 09 95 95.

> OFFICE SERVICES ACTE: 50 BUSINESS

المانية المن المن المنطقية الم<del>حتطات المسلم</del> المكان الرجل

Imprimé par Offprint, 73 rue de l'Evangile, 75018 Paris.